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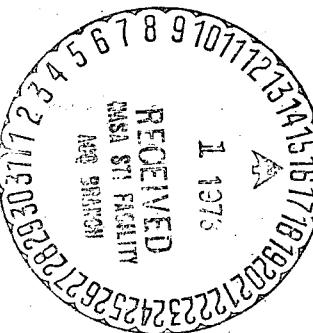
(NASA-TM-X-68916) SKYLAB 2 FACILITIES
AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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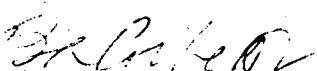
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APPROVAL

SKYLAB 2

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM

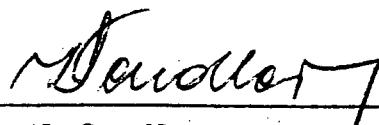
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FACILITIES AND ENVIRONMENTAL MEASUREMENTS
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SKYLAB-2

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM

INTRODUCTION

THIS DOCUMENT PRESENTS A LIST OF THE FACILITIES AND ENVIRONMENTAL MEASUREMENTS TO BE MONITORED IN SUPPORT OF THE SKYLAB-2 VEHICLE. INCLUDED ARE THE MEASUREMENT IDENTIFICATION NUMBER, DESCRIPTION, TRANSDUCER OPERATING RANGE, RECORDER TYPE AND DRAWINGS ILLUSTRATING MEASUREMENT LOCATION. THE FOLLOWING LAUNCH COMPLEX 39 FACILITIES WILL BE USED ON THIS VEHICLE.

PAD B

LAUNCH COMPLEX 39 - PAD B

LUT 1

LAUNCHER UMBILICAL TOWER NUMBER 1

MEASUREMENTS FOR THE MOBILE SERVICE STRUCTURE, CRAWLER TRANSPORTER AND MOBILE RECHARGER ARE LISTED IN THE LC-39 FACILITIES AND ENVIRONMENTAL SUPPORT EQUIPMENT MEASUREMENTS PROGRAM, GP-842.

TECHNICAL INFORMATION FOR THIS DOCUMENT WAS SUPPLIED BY THE MEASUREMENT SYSTEMS DIVISION, IN-MSD

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FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM FORMAT

HEADING *****	DESCRIPTION *****																		
MEAS. NO.	IDENTIFICATION NUMBER BASED ON MEASUREMENT TYPE, LOCATION AND SEQUENCE NUMBER (SEE PAGE 2)																		
DISPLAY REQ. NO.	CALL-UP NUMBER FOR REAL TIME DISPLAY OF DIGITIZED MEASUREMENTS AT THE CIF DATA DISPLAY ROOM AND THE LAUNCH CONTROL CENTER																		
MEASUREMENT DESCRIPTION	BRIEF SUMMARY OF MEASUREMENT TYPE AND LOCATION																		
RANGE	TRANSDUCER OPERATING RANGE IN ENGINEERING UNITS																		
RECORDER	TYPE OF EQUIPMENT ON WHICH MEASUREMENT IS RECORDED																		
	<table><tbody><tr><td>CM</td><td>CONSOLE METER</td></tr><tr><td>DAS</td><td>DIGITAL ACQUISITION SYSTEM</td></tr><tr><td>EVENT</td><td>EVENT RECORDER</td></tr><tr><td>MAG LINK</td><td>LIGHTNING INTENSITY SENSOR</td></tr><tr><td>MAG TAPE</td><td>MAGNETIC TAPE RECORDER (ANALOG)</td></tr><tr><td>MP</td><td>MULTI-POINT RECORDER</td></tr><tr><td>O GRAPH</td><td>OSCILLOGRAPH</td></tr><tr><td>SC</td><td>STRIP CHART RECORDER</td></tr><tr><td>VDAS</td><td>VIBRATION DATA ACQUISITION SYSTEM</td></tr></tbody></table>	CM	CONSOLE METER	DAS	DIGITAL ACQUISITION SYSTEM	EVENT	EVENT RECORDER	MAG LINK	LIGHTNING INTENSITY SENSOR	MAG TAPE	MAGNETIC TAPE RECORDER (ANALOG)	MP	MULTI-POINT RECORDER	O GRAPH	OSCILLOGRAPH	SC	STRIP CHART RECORDER	VDAS	VIBRATION DATA ACQUISITION SYSTEM
CM	CONSOLE METER																		
DAS	DIGITAL ACQUISITION SYSTEM																		
EVENT	EVENT RECORDER																		
MAG LINK	LIGHTNING INTENSITY SENSOR																		
MAG TAPE	MAGNETIC TAPE RECORDER (ANALOG)																		
MP	MULTI-POINT RECORDER																		
O GRAPH	OSCILLOGRAPH																		
SC	STRIP CHART RECORDER																		
VDAS	VIBRATION DATA ACQUISITION SYSTEM																		
DRAWING NUMBER	REFERS TO APPENDIX DRAWING WHICH ILLUSTRATES THE MEASUREMENT LOCATION																		
REMARKS	ADDITIONAL COMMENTS DESCRIBING MEASUREMENT THE PCM CHANNEL IS PRINTED IN THIS FIELD (SEE PAGE 004)																		

MEASUREMENT NUMBER CONFIGURATION

FORMAT 32 C 001
 • • •
 • • : SEQUENCE NUMBER
 • •
 • : LETTER SIGNIFYING LOCATION OF MEASUREMENT
 •
 • : NUMBER SIGNIFYING TYPE OF MEASUREMENT

NUMBER	TYPE OF MEASUREMENT	LETTER	LOCATION
*****	*****	*****	*****
2	PRESSURE (0/50 PSI)	A	AGCS OR UTILITY ROOMS
3	PRESSURE (51/350 PSI)	B	LAUNCHER
4	PRESSURE (351/750 PSI)	C	UMBILICAL TOWER
5	PRESSURE (751/1000 PSI)	D	DEFLECTOR AREA
6	PRESSURE (1000 AND UP)	E	HP GAS STORAGE AREA
11	TEMPERATURE (CRYOGENIC)	F	RP-1 AREA
12	TEMPERATURE (0/500 DEG F)	G	LOX STORAGE AREA
13	TEMPERATURE (501/1500 DEG F)	H	LH2 STORAGE AREA
14	TEMPERATURE (1501/3000 DEG F)	J	CONVERTER COMPRESSOR BLDG.
15	TEMPERATURE (CALORIMETRIC)	K	MISCELLANEOUS
21	VIBRATION (0/3000 HZ) MAX	L	LCC
22	VIBRATION (5HZ MIN TO 3000HZ MAX)	M	MSO BLDG.
23	VIBRATION (SHOCK MEASUREMENTS)	N	FLIGHT CREW TRAINING BLDG.
25	ACOUSTICS	P	CIF
26	METEOROLOGY	Q	MOBILE RECHARGER 1 AND 2
31	STRAIN AND FORCE	R	HYPERGOL NO. 2 BLDG.
32	POSITION	S	SERVICE STRUCTURE
33	FLOW	T	TRANSPORTER
34	RPM	U	MISC. WEATHER TOWERS
35	LIQUID LEVEL	V	GH2 STORAGE AREA
39	LIGHTNING	W	500 FT WEATHER TOWER
41	SIGNALS	X	MISC. FAR FIELD LOCATIONS
42	VOLTAGE, CURRENT OR FREQUENCY	Y	CRYO NO. 2 BLDG.
43	HYDROCARBON CONTENT	Z	PYROTECHNIC INSTAL. BLDG.
44	RELATIVE HUMIDITY, MOISTURE CONTENT		
45	MISCELLANEOUS		
50	GAS DETECTION		
51	FIRE DETECTION		
55	GAS CONFIDENCE CIRCUIT DETECTOR		
56	FIRE CONFIDENCE CIRCUIT DETECTOR		

FACILITIES AND ENVIRONMENTAL DIGITAL ACQUISITION SYSTEM CHANNEL DESCRIPTION
PCM FORMAT

A P3 E1 - 156 - 05
• • • • • • • • • •
• • • • • • • • • • BIT = 01-10
• • • • • • • • • • 00 = ALL TEN BITS USED
• • • • • • • • • •
• • • • • • • • • • DASH(FOR SEPARATION ONLY)
• • • • • • • • • •
• • • • • • • • • • WORD = 001-200
• • • • • • • • • •
• • • • • • • • • • DASH(FOR SEPARATION ONLY)
• • • • • • • • • •
• • • • • • • • • •
• • • • • • • • • • MULTIPLEXER TYPE AND NUMBER
• • • • • • • • • • A0 = ANALOG
• • • • • • • • • • A1 = ANALOG MULTIPLEXER (A1-A20)
• • • • • • • • • • E0 = EVENT
• • • • • • • • • • E1 = EVENT SUBMULTIPLEXER (E1-E5)
• • • • • • • • • •
• • • • • • • • • • MODULATION TYPE AND LINK
• • • • • • • • • • P1 = PCM - LINK 1
• • • • • • • • • • P2 = PCM - LINK 2
• • • • • • • • • • P3 = PCM - LINK 3
• • • • • • • • • • F1 = FSK - LINK 1
• • • • • • • • • • F2 = FSK - LINK 2
• • • • • • • • • • F3 = FSK - LINK 3
• • • • • • • • • •
• • • • • • • • • • COMPLEX = COMPLEX AND AREA FROM WHICH MEASUREMENT
IS BEING TRANSMITTED
A - LC39 LUT
B - LC39 PTCR
C - LC39 MSS
D - LC39 LH2
E - LC39 GH2
F - KSC FLD MILL

ABBREVIATIONS USED ON FACILITIES AND ENVIRONMENTAL MEASUREMENTS

A	ANGSTROM	LONG	LONGITUDINAL
AC	ANGULAR COORDINATES	LOX	LIQUID OXYGEN
AGCS	AUTOMATIC GROUND CONTROL STATION	LP	LOW PRESSURE
BATT	BATTERY	LUT	LAUNCHER UMBILICAL TOWER
BRKT	BRACKET	MI/I	MICRO INCH PER INCH
BTU/SF/S	BTU PER SQUARE FOOT PER SECOND	MP	MULTIPOINT
CAB	CABINET	MR	MOBILE RECHARGER
CENT	CENTER	MSS	MOBILE SERVICE STRUCTURE
CH	CHANNEL	MTD	MOUNTED
CLINE	CENTER LINE	NO	NUMBER
CM	CONSOLE METER	NORM	NORMAL
CM/JA	CONSOLE METER OPERATED BY JA	NR	NUMBER
CM/LVO	CONSOLE METER OPERATED BY LVO	O GRAPH	OSCILLOGRAPH
COM	COMMON	PAMS	PAD ABORT MEASURING SYSTEM
COMP	COMPARTMENT	PAN	PANEL
CONCEN	CONCENTRATION	PARA	PARALLEL
CONT	CONTROL	PCD	PNEUMATIC CONTROL DISTRIBUTOR
COR	CORNER	PERP	PERPENDICULAR
C-T	CRAWLER-TRANSPORTER	POS	POSITION
CYL	CYLINDER	P-P	PEAK TO PEAK
DAS	DIGITAL ACQUISITION SYSTEM	PPM	PARTS PER MILLION
DB	DECIBELS	PRESS	PRESSURE
DEFL	DEFLECTION	PSIA	POUNDS PER SQUARE INCH ABSOLUTE
DIAG	DIAGONAL	PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
DIFF	DIFFERENTIAL	PSIG	POUNDS PER SQUARE INCH GAGE
DISC	DISCONNECT	PTCR	PAD TERMINAL CONNECTION ROOM
DISCH	DISCHARGE	REC	RECORDER
DIST	DISTRIBUTOR	RP-1	ROCKET PROPELLANT (LIQUID)
D/S	DOWN STREAM	S	SIDE
DWG	DRAWING	SA	SERVICE ARM
ECS	ENVIRONMENT CONTROL SYSTEM	SC	STRIP CHART
FAC	FACILITY	SIG	SIGNAL
FD	FIRE DETECTOR	SM	SERVICE MODULE
FLR	FLOOR	STG	STAGE
F/M	FLOW METER	STOR	STORAGE
FR	FIRING ROOM	STRGR	STRINGER
GH2	GASEOUS HYDROGEN	SUPP	SUPPORT
GN2	GASEOUS NITROGEN	SURF	SURFACE
GNU	GROUND	TEMP	TEMPERATURE
GPM	GALLONS PER MINUTE	TRAN	TRANSVERSE
HE	HELIUM	TSM	TAIL SERVICE MAST
H/E	HEAT EXCHANGER	TW	THERMAL WIRE
HORIZ	HORIZONTAL	TWR	TOWER
HP	HIGH PRESSURE	UA	MICRO AMP
Hz	HERTZ	UMB	UMBILICAL
INSTR	INSTRUMENT	UV	MICRO VOLTS
K	ONE THOUSAND	UV	ULTRA VIOLET
KV/M	KILO VOLTS PER METER	VAH	VEHICLE ASSEMBLY BUILDING
KW	KILO WATTS	VAP	VAPORIZER
LB/M	POUNDS PER MINUTE	VDAS	VIBRATION DATA ACQUISITION SYSTEM
LCC	LAUNCH CONTROL CENTER	VEH	VEHICLE
LEV	LEVEL	VERT	VERTICAL
LH2	LIQUID HYDROGEN	VJ	VACUUM JACKET
LN2	LIQUID NITROGEN	XDCR	TRANSDUCER

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS
REQ. NO.		*	*	* NO.	*
*	*	*	*	*	*
* 2A002 *	* PRESS GN2 CHILLER CONTROL ECS * ROOM	* 0/20 PSIG	* DAS	* PC1-3695*	*
*	*	*	*	*	*
* 2A009 *	* PRESS SIVB AFT DUCT ECS ROOM	* 0/5 PSIG	* MP-5	* PC1-3695*	*
*	*	*	*	*	*
* 2A010 *	* PRESS IU DUCT ECS ROOM	* 0/5 PSIG	* MP-5	* PC1-3695*	*
*	*	*	*	*	*
* 2A011 *	* PRESS SERV MODULE DUCT ECS ROOM	* 0/5 PSIG	* MP-5	* PC1-3695*	*
*	*	*	*	*	*
* 2A012 *	* PRESS COMMAND MODULE DUCT ECS * ROOM	* 0/5 PSIG	* MP-5	* PC1-3695*	*
*	*	*	*	*	*
* 2A020 *	* PRESS DIFF 5-IV B AFT COMP AT * ECS	* 0/100 PERCENT	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A021 *	* PRESS DIFF INST UNIT COMP AT ECS	* 0/100 PERCENT	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A022 *	* PRESS DIFF SERVICE MODULE COMP * AT ECS	* 0/100 PERCENT	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A023 *	* PRESS DIFF COMMAND MODULE COMP * AT ECS	* 0/100 PERCENT	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A024 *	* PRESS PURGE GN2 RELIEF VALVE 1 * ECS NEAR VALVE A6834	* 0/10 PSIG	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A025 *	* PRESS PURGE GN2 RELIEF VALVE 2 * ECS NEAR VALVE A6835	* 0/10 PSIG	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A026 *	* PRESS PURGE GN2 SENSING ECS * A7049	* 0/10 PSIG	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A027 *	* PRESS INLET TO NORTH COIL ECS	* 0/10 PSIG	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A028 *	* PRESS INLET TO SOUTH COIL ECS	* 0/10 PSIG	* DAS + SC*	*	*
*	*	*	*	*	*
* 2A031 *	* PRESS, GN2 REG. NO.1 DOME	* 0/25 PSIG	* DAS	*	*
*	*	*	*	*	*
* 2A032 *	* PRESS, GN2 REG. NO.2 DOME	* 0/25 PSIG	* DAS	*	*
*	*	*	*	*	*
* 2A033 *	* PRESS, S1B AFT ENG ECS ROOM	* 0/5 PSIG	* DAS	*	*
*	*	*	*	*	*
* 2A034 *	* PRESS, S1B FORWARD ECS ROOM	* 0/5 PSIG	* DAS	*	*
*	*	*	*	*	*
* 2A035 *	* PRESS, DIFF S1B LAUNCHER * PEDESTAL ECS ROOM	* 0/100 PCT	* DAS	*	*
*	*	*	*	*	*
* 2A036 *	* PRESS, DIFF S1B AFT ENG ECS ROOM	* 0/100 PCT	* DAS	*	*
*	*	*	*	*	*
*	*	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
				*	*	NO.
2A037	*	* PRESS, DIFF S1B FWD ENG COMP ECS	* 0/100 PCT	* DAS	*	*
2A038	*	* PRESS, S1B LAUNCHER PEDESTAL ECS	* 0/5 PSIG	* DAS	*	*
2C026	*	* PRESS GH2 AT S-IVB STAGE HEAT * EXCHANGER OUTLET LUT 240 FT * LEVEL (NEAR VALVE A3444)	* 0/35 PSIA	* DAS + SC	PC1-2408*	*
2C027	*	* PRESS S-IVB STAGE GH2 VENT. * SERV. ARM 7 LUT LEVEL 260 FT	* -1/20 PSIG	* DAS + SC	PC1-2408*	*
2C028	*	* PRESS S-II STAGE GH2 VENT. * SERV. ARM 5 LUT LEVEL 200 FT	* -1/20 PSIG	* DAS + SC	PC1-2408*	*
2C029	*	* PRESS S-IVB STAGE LH2 ANNIN * VALVE SIGNAL CONTROL LUT 200 FT * LEVEL AT VALVE A-3311	* 0/20 PSIG	* DAS + SC	PC1-2412*	*
2C031	*	* PRESS DIFF S-IVR STAGE LH2 * FILTER LUT 200 FT LEVEL NEAR * VALVE A-3445	* 0/50 PSID	* DAS + SC	PC1-2412*	*
2C034	*	* PRESS LOX REPLENISH CONTROL * VALVE A205 LUT 120 FT LEVEL (ANNIN VALVE)	* 0/20 PSIG	* DAS + SC	PC1-2405*	*
2C035	*	* PRESS LOX REPLENISH CONTROL * VALVE A206 LUT 200 FT LEVEL (ANNIN VALVE)	* 0/20 PSIG	* DAS + SC	PC1-2405*	*
2C038	*	* PRESS DIFF LOX FILTER A222 LUT * LEVEL 120 FT	* 0/15 PSID	* DAS + SC	PC1-2405*	*
2C039	*	* PRESS DIFF LOX FILTER A221 LUT * LEVEL 200 FT	* 0/15 PSID	* DAS + SC	PC1-2405*	*
2C046	*	* PRESS AIR/GN2 S-1VB AFT * INTERFACE SERV. ARM NO 6	* 0/2 PSIG	* MP + SC	PC1-2433*	*
2C047	*	* PRESS AIR/GN2 IU INTERFACE * SERV. ARM NO 7	* 0/4 PSIG	* MP + SC	PC1-2434*	*
2C048	*	* PRESS AIR/GN2 SERVICE MODULE * INTERFACE SERV. ARM NO. 8	* 0/4 PSIG	* MP + SC	PC1-2435*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	* DRAWING*	* REMARKS	
					REQ.NO.	* NO.
2C049	* PRESS AIR/GN2 COMMAND MODULE * INTERFACE SERV. ARM NO. 9	* 0/2 PSIG	* MP + SC	* PC1-2436*	*	*
2C113	* PRESS S-IVB LH2 VEH VENT CHECK * VALVE A3442 INLET LUT 240 FT LEV*	* -1/5 PSIG	* DAS + SC	* PC1-2413*	*	*
2C114	* PRESS S-IVB LH2 VEH VENT CHECK * VALVE A3442 OUTLET AT VALVE * A29122	* -1/5 PSIG	* DAS + SC	* PC1-2413*	*	*
2C117	* PRESS S-IVB STAGE GH2 VENT SERV * ARM 7 LUT 260 FT	* -1/5 PSIG	* DAS + SC	* PC1-2434*	*	*
2C123	* PRESS, SURFACE FLAME WELL 5 FT * ABOVE FLOOR AT 0 DEG.	* 0/25 PSIA	* VDAS	*	*	*
2C124	* PRESS, SURFACE FLAME WELL 5 FT * ABOVE FLOOR AT 180 DEG.	* 0/25 PSIA	* VDAS	*	*	*
2C125	* PRESS, AMB. WALKWAY BETWEEN BRDG* * EASTEND HANDRAIL 60 DEG ABOVE * HORIZ FACING VEH CL	* 0/25 PSIA	* VDAS	*	*	*
2C126	* PRESS, AMB. WALKWAY BETWEEN * BRIDGES CENTER OF HANDRAIL 60DEG* * ABOVE HORIZ. FACING VEH CL	* 0/25 PSIA	* VDAS	*	*	*
2C127	* PRESS, AMB. WALKWAY BETWEEN * BRIDGES WESTEND HANDRAIL 60 DEG * ABOVE HORIZ. FACING VEH CL	* 0/25 PSIA	* VDAS	*	*	*
2C129	* PRESS, AIR/GN2-S1B LAUNCHER	* 0/2 PSIG	* DAS + SC	* PC1-5227*	*	*
2C130	* PRESS, AIR/GN2-S1B AFT NO. 1	* 0/2 PSIG	* DAS + SC	* PC1-5227*	*	*
2C131	* PRESS, AIR/GN2-S1B AFT NO. 2	* 0/2 PSIG	* DAS + SC	* PC1-5227*	*	*
2C132	* PRESS, AIR/GN2-S1B AFT NO. 3	* 0/2 PSIG	* DAS + SC	* PC1-5227*	*	*
2C133	* PRESS, AIR/GN2-S1B AFT NO. 4	* 0/2 PSIG	* DAS + SC	* PC1-5227*	*	*
2C134	* PRESS, AIR/GN2 S1B LAUNCHER	* 0/1 IN H2O	* DAS + SC	* PC1-5227*	*	*
2C135	* PRESS, AIR/GN2 S1B FWD SA 1A	* 0/4 PSIG	* DAS + SC	*	*	*
2C140	* PRESS, DIFF RP-1 LUT FILTER * 100 FT LEVEL	* 0/30 PSID	* DAS + SC	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS	NO.
2C141	*	* PRESS, RP-1 ANNIN VAL. SIGNAL * 100 FT LEVEL.	* 0/20 PSIG	* DAS + SC*	*	*	*
2C142	*	* PRESS, 120 FT. LEVEL S1B LOX SLOW * FILL CONT. VAL A61203 SIGNAL	* 0/20 PSIG	* DAS + SC*	*	*	*
2C148	*	* PRESS, EXPANSION CHAMBER IU * COOLING SYSTEM 260FT LEVEL S/A 7*	* 0/50 PSIG	* SC	*	*	*
2C149	*	* PRESS, HEAT EXCHANGER IU COOLING * SYSTEM 260FT LEVEL S/A 7	* 0/50 PSIG	* SC	*	*	*
2F001	*	* PRESS RP-1 TRANSFER PUMP 4003 * SUCTION NEAR VALVE A4054	* 0/60 PSIA	* DAS + SC*	PC1-2415*	*	*
2F002	*	* PRESS, RP-1 STORAGE TANK ULLAGE	* 0/5 PSIG	* DAS + SC*	PC1-2416*	*	*
2G001	*	* PRESS LOX VAP CONT FLOW VALVE * A12 LOX FACILITY ANNIN VALVE	* 0/20 PSIG	* DAS + SC*	PC1-2402*	*	*
2G002	*	* PRESS LOX REPLENISH PUMP FLOW * CONTROL BYPASS VALVE A197	* 0/20 PSIG	* DAS + SC*	PC1-2402*	*	*
2G004	*	* PRESS LOX REPLENISH PUMP SIGNAL * LOX FACILITY BYPASS VALVE A136	* 0/20 PSIG	* DAS + SC*	PC1-2402*	*	*
2G005	*	* PRESS, A126 LOX PUMP SUCTION	* 0/50 PSIG	* DAS + SC*	PC1-2402*	*	*
2G006	*	* PRESS, A127 LOX PUMP SUCTION	* 0/50 PSIG	* DAS + SC*	PC1-2402*	*	*
2G009	*	* PRESS LOX STORAGE TANK ULLAGE	* -5/15 PSIG	* DAS + SC*	PC1-2402*	*	*
2H001	*	* PRESS LH2 VAPORIZER CONTROL * VALVE SIGNAL TEE INTO * VALVE A3304 LH2 FACILITY	* 0/20 PSIG	* DAS + SC*	PC1-2408*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
							*REQ. NO.	* NO.	*
2K001	*	* PRESS LH2 VEHICLE VENT AT * BURN POND	* -1/3 PSIG	* DAS + SC*	PC1-2410*	*	*	*	
2K002	*	* PRESS WATER PUMP AT BURN POND	* +-2 PSID	* DAS + SC*	PC1-2408*	*	*	*	
2K003	*	* PRESS DIFF RP-1 TRANSFER LINE * FILTER AT RP-1 PEDESTAL FILTER * A4098	* 0/30 PSID	* DAS + SC*	PC1-2417*	*	*	*	
2K004	*	* PRESS LH2 VEHICLE VENT LINE * INTERMEDIATE BASE OF LUT	* -1/3 PSIG	* DAS + SC*	PC1-2411*	*	*	*	
3A001	*	* PRESS PURGE GN2 SUPPLY ECS * XDCR A6846	* 0/200 PSIG	* DAS + MP*	*	*	*	*	
3C006	*	* PRESS LH2 AT S-IVB VALVE COMPLEX * DISCHARGE 200 FT LEVEL LUT NEAR * VALVE A3445	* 0/120 PSIG	* DAS + SC*	PC1-2412*	*	*	*	
3C008	*	* PRESS LH2 AT S-IVB UMBILICAL * SERV. ARM 6 LUT LEVEL 220 FT	* 0/120 PSIA	* DAS + SC*	PC1-2433*	*	*	*	
3C010	*	* PRESS S-IVB LH2 FILTER VENT LINE * 200 FT LEVEL ON LUT NEAR VALVE * A3431	* 0/60 PSIA	* DAS + SC*	PC1-2412*	*	*	*	
3C012	*	* PRESS S-IVB LOX INLET	* 0/150 PSIG	* DAS + SC*	PC1-2433*	*	*	*	
3C018	*	* PRESS S-IVB LOX VALVE COMPLEX * OUTLET LEVEL 200 FT LUT DOWN * STREAM OF FILTER A221	* 0/150 PSIG	* DAS + SC*	PC1-2405*	*	*	*	
3C020	*	* PRESS LH2 INLET TO S-IVB STAGE * VALVE COMPLEX LUT 200 FT LEVEL	* 0/120 PSIG	* DAS + SC*	PC1-2412*	*	*	*	
3C037	*	* PRESS, RP-1 AT MAST LUT 1 PEDEST	* 0/200 PSIG	* DAS + SC*	*	*	*	*	
3C038	*	* PRESS, RP-1 VENT TRAP 100 FT * LEVEL VALVE COMPLEX	* 0/200 PSIG	* DAS + SC*	*	*	*	*	
3C039	*	* PRESS,S1B LOX INLET AT MAST	* 0/150 PSIG	* DAS + SC*	*	*	*	*	

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION		* RANGE	* RECORDER* DRAWING * REMARKS	*	*
REQ.NO.		*	*	NO.	*
*	*	*	*	*	*
*	3C040	* PRESS, 120 FT LOX VALVE COMPLEX * INLET	* 0/150 PSIG	* DAS + SC*	*
*	3C041	* PRESS, 120 FT LOX VALVE COMPLEX * OUTLET	* 0/150 PSIG	* DAS + SC*	*
*	3F001	* PRESS RP-1 TRANSFER PUMP 4003 * DISCHARGE NEAR VALVE A4055	* 0/300 PSIG	* DAS + SC* PC1-2415*	*
*	3F002	* PRESS RP-1 TRANSFER LINE DOWN- * STREAM OF TEE CONN FOR DISC * A4071	* 0/300 PSIG	* DAS + SC* PC1-2415*	*
*	3G001	* PRESS 1000 GPM LOX PUMP DISCH. * IN COMMON LINE AT LOX FACILITY	* 0/400 PSIG	* DAS + SC* PC1-2402*	*
*	3H001	* PRESS LH2 STORAGE TANK ULLAGE * LH2 STORAGE FAC NEAR VALVE A3467*	* 0/120 PSIG	* DAS + SC* PC1-2409*	*
*	3H002	* PRESS LH2 STORAGE TANK VENT AT * LH2 FACILITY AT POND SIDE OF * VALVE A3440	* 0/100 PSIA	* DAS + SC* PC1-2409*	*
*	3H003	* PRESS LH2 FACILITY TRANSFER * LINE, D/S OF VALVE A3481	* 0/120 PSIA	* DAS + SC* PC1-2409*	*
*	3H004	* PRESS LH2 STORAGE TANK NEAR * INSTR CONSOLE LH2 FACILITY	* 0/75 PSIG	* DAS + SC* PC1-2409*	*
*	3K001	* PRESS LH2 FACILITY HEAT EXCHAN. * VENT NEAR BURN POND	* 0/60 PSIA	* DAS + SC* PC1-2410*	*
*	3K002	* PRESS FACILITY HEAT EXCHANGER * VENT LINE AT EQUILIZER TUBE * AT BURN POND	* 0/60 PSIA	* DAS + SC* PC1-2410*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.*	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ.NO.	*	*	*	*	*	NO. *
3K003	*	* PRESS LH2 VEHICLE VENT LINE AT * EQUIL. TUBE AT BURN POND	* -1/3 PSIG	* DAS + SC*	PC1-2410*	*
3K006	*	* PRESS LH2 H/E VENT LINE * INTERMEDIATE AT LUT DISCONNECT	* 0/60 PSIA	* DAS + SC*	PC1-2411*	*
3K007	*	* PRESS 6 INCH LOX V.J. LINE AT * ML DISCONNECT	* 0/350 PSIG	* DAS + SC*	PC1-2403*	*
5C004	*	* PRESS, HYDRAULIC RIGHT SIDE * EXTEND PRIMARY DAMPER ARM	* 0/1000 PSIG	* SC	* PC1-2449*	*
5C005	*	* PRESS HYDRAULIC LEFT SIDE EXTEND * PRIMARY DAMPER ARM	* 0/1000 PSIG	* SC	* PC1-2449*	*
5C006	*	* PRESS HYDRAULIC RIGHT SIDE * RETRACT PRIMARY DAMPER ARM	* 0/1000 PSIG	* SC	* PC1-2449*	*
5C007	*	* PRESS HYDRAULIC LEFT SIDE * RETRACT PRIMARY DAMPER ARM	* 0/1000 PSIG	* SC	* PC1-2449*	*
6K001	*	* PRESS, HYDRAULIC SUPPLY LINE * AT INTERFACE N.E. EXTENSIBLE COL	* 0/4000 PSIG	* SC	*	*
6K002	*	* PRESS, HYDRAULIC SUPPLY LINE AT * INTERFACE N.W. EXTENSIBLE COL	* 0/4000 PSIG	* SC	*	*
6K003	*	* PRESS, HYDRAULIC SUPPLY LINE AT * INTERFACE S.W. EXTENSIBLE COL	* 0/4000 PSIG	* SC	*	*
6K004	*	* PRESS, HYDRAULIC SUPPLY LINE AT * INTERFACE S.E. EXTENSIBLE COL	* 0/4000 PSIG	* SC	*	*
11C001	*	* TEMP GH2 AT S-IVB STAGE HEAT * EXCHANGER OUTLET 240 FT LEVEL * NEAR VALVE A3444	* -425/-350 DEG F	* DAS + SC*	PC1-2408*	6 INCH PROBE
11C003	*	* TEMP. LH2 S1VB STAGE TRANSFER * LINE OUTLET 200FT. LEVEL NEAR * SENSOR A3323	* -426/-410 DEG F	* DAS + SC*	PC1-2412*	20 INCH PROBE

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.*		DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECODER	DRAWING	REMARKS		
		REQ. NO.		*	*	* NO.	*	*	*
11C005	*	*	TEMP LH2 S-IVB STAGE VENT LINE LUT NEAR VEHICLE	* -426/0 DEG F	* DAS + SC	* PC1-2413*	* 20 INCH PROBE	*	*
11H001	*	*	TEMP GH2 AT VAPORIZER OUTLET LH2 FACILITY	* -400/-100 DEG F	* DAS + SC	* PC1-2409*	* 8 IN PROBE	*	*
11H002	*	*	TEMP LH2 TRANSFER LINE NEAR SENSOR A3320 LH2 FACILITY	* -426/-410 DEG F	* DAS + SC	* PC1-2409*	* 20 IN PROBE	*	*
11K001	*	*	TEMP INLET TO BURN POND LH2 BURN POND, 18 IN. DIAM LINE	* -400/100 DEG F	* DAS + SC	* PC1-2408*	* 10 INCH PROBE	*	*
11K011	*	*	TEMP LH2 HEAT EXCHANGER VENT LINE BASE OF LUT BASE OF LH2 TOWER	* -425/-300 DEG F	* DAS + SC	* PC1-2408*	*	*	*
11K012	*	*	TEMP LH2 VEHICLE VENT LINE BASE OF LUT BASE OF LH2 TOWER	* -425/-300 DEG F	* DAS + SC	* PC1-2408*	*	*	*
12A001	*	*	TEMP AIR NORTH PRECOOL COIL AT ECS	* 30/100 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A002	*	*	TEMP AIR NORTH COLD COIL AT ECS	* 25/55 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A003	*	*	TEMP AIR SOUTH PRECOOL COIL AT ECS	* 30/100 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A004	*	*	TEMP AIR SOUTH COLD COIL AT ECS	* 25/55 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A005	*	*	TEMP COOLING SYSTEM TANK AT ECS	* 20/40 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A006	*	*	TEMP AIR COMMAND MODULE COLD COIL AT ECS	* 25/55 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A012	*	*	TEMP AIR TO SIVB AFT COMP IN DUCT AFTER HEATER AT ECS	* 30/300 DEG F	* DAS + MP	* PC1-3695*	*	*	*
12A013	*	*	TEMP AIR TO IU COMP IN DUCT. AFTER HEATER AT ECS	* 30/300 DEG F	* DAS + MP	* PC1-3695*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECODER	DRAWING	REMARKS	*	*	*
							*	*	*
12A014	*	* TEMP AIR TO SERVICE MODULE COMP * IN DUCT AFTER HEATER AT ECS	* 30/300 DEG F	* DAS + MP	* PC1-3695*	*	*	*	*
12A015	*	* TEMP AIR TO COMMAND MODULE COMP * IN DUCT AFTER HEATER AT ECS	* 30/300 DEG F	* DAS + MP	* PC1-3695*	*	*	*	*
12A017	*	* TEMP AMBIENT DRY BULB * OUTSIDE ECS	* N/A	* HYGRO- * THERMO * GRAPH	*	*	*	*	*
12A019	*	* TEMP COMMAND MODULE PRECOOL COIL * AT ECS	* 30/100 DEG F	* DAS + MP	* PC1-3695*	*	*	*	*
12A020	*	* TEMP COOLING TWR WATER (COLD * LINE) AT ECS	* 30/100 DEG F	* DAS + MP	* PC1-3695*	*	*	*	*
12A027	*	* TEMP, AIR TO S1B LAUNCHER PEDEST * IN DUCT AFTER HEATER AT ECS	* 30/300 DEG F	* DAS	*	*	*	*	*
12A028	*	* TEMP, AIR TO S1B AFT ENG IN DUCK * AFTER HEATER AT ECS	* 30/300 DEG F	* DAS	*	*	*	*	*
12A029	*	* TEMP, AIR TO S1B FWD IN DUCT * AFTER HEATER AT ECS	* 30/300 DEG F	* DAS	*	*	*	*	*
12B016	*	* TEMP PLENUM IN FLOOR UNDER * CABINET 2 RCA 110 COMPUTER IN * LUT RM 15A	* 50/90 DEG F	* DAS + SC	*	*	3 IN. PROBE	*	*
12B018	*	* TEMP AMBIENT AT RCA 110 * COMPUTER LUT ROOM 15A	* N/A	* HYGRO- * THERMO * GRAPH	*	*	*	*	*
12C009	*	* TEMP AIR/GN2 S-IVB AFT INTERFACE * SERV. ARM 6	* 0/300 DEG F	* DAS + SC	* PC1-2433*	*	*	6 INCH PROBE	*
12C010	*	* TEMP AIR/GN2 IU INTERFACE * SERV. ARM 7	* 30/140 DEG F	* DAS + SC	* PC1-2434*	*	*	6 INCH PROBE	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION		* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*	*
REQ.NO.		*	*	*	NO.	*	*	*
* 12C014	* TEMP AIR/GN2 SERV MODULE	* 30/140 DEG F	* DAS + SC*	PC1-2435*	6 INCH PROBE	*	*	*
*	* INTERFACE SERV. ARM NO. 8	*	*	*	*	*	*	*
* 12C015	* TEMP AIR/GN2 COMMAND MODULE	* 30/140 DEG F	* DAS + SC*	PC1-2436*	6 INCH PROBE	*	*	*
*	* INTERFACE SERV. ARM NO. 9	*	*	*	*	*	*	*
* 12C038	* TEMP, AIR/GN2 S1B LAUNCHER	* 32/140 DEG F	* DAS + SC*	PC1-5227*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12C039	* TEMP, AIR/GN2 S1B AFT NO. 1	* 0/300 DEG F	* DAS + SC*	PC1-5227*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12C040	* TEMP, AIR/GN2 S1B AFT NO. 2	* 0/300 DEG F	* DAS + SC*	PC1-5227*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12C041	* TEMP, AIR/GN2 S1B AFT NO. 3	* 0/300 DEG F	* DAS + SC*	PC1-5227*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12C042	* TEMP, AIR/GN2 S1B AFT NO. 4	* 0/300 DEG F	* DAS + SC*	PC1-5227*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12C043	* TEMP, AIR/GN2 S1B FWD SA NO. 1A	* 32/140 DEG F	* DAS + SC*	PC1-5227*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12C048	* TEMP, RP-1 IN FUEL TRENCH	* 32/150 DEG F	* DAS + SC*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G003	* TEMP, A126 CLUTCH OUTPUT BEARING	* 32/240 DEG F	* DAS + SC*	PC1-2401*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G004	* TEMP, A127 CLUTCH OUTPUT BEARING	* 32/240 DEG F	* DAS + SC*	PC1-2401*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G007	* TEMP, A126 CLUTCH COOLING WATER	* 32/251 DEG F	* DAS + SC*	PC1-2401*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G008	* TEMP, A127 CLUTCH COOLING WATER	* 32/251 DEG F	* DAS + SC*	PC1-2401*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G013	* TEMP, A126 PUMP RADIAL BEARING	* 0/215 DEG F	* DAS + SC*	PC1-2401*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G014	* TEMP, A127 PUMP RADIAL BEARING	* 0/215 DEG F	* DAS + SC*	PC1-2401*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G019	* TEMP, A126 CLUTCH INPUT BEARING	* 32/240 DEG F	* DAS + SC*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G020	* TEMP, A126 CLUTCH TRUNNION BEAR.	* 32/240 DEG F	* DAS + SC*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G021	* TEMP, A127 CLUTCH INPUT BEARING	* 32/240 DEG F	* DAS + SC*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12G022	* TEMP, A127 CLUTCH TRUNNION BEAR.	* 32/240 DEG F	* DAS + SC*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 12K002	* TEMP AMBIENT PAD A CAMERA SITE 3	* 10/110 DEG F	* DAS + SC*	PC1-2443*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
						NO.
12K003	*	TEMP AMBIENT PAD A CAMERA SITE	6* 10/110 DEG F	* DAS + SC	* PC1-2443*	*
12K012	*	TEMP AIR/GN2 IN S-IV-B AFT COMPARTMENT	* 30/100 DEG F	* DAS + MP	*	*
12K017	*	TEMP, INST. UNIT COMPARTMENT AMB	* 30/100 DEG F	* DAS	*	IBM MEAS. NO. C136-601
12K018	*	TEMP, INST. UNIT COMPARTMENT AMB	* 30/100 DEG F	* DAS	*	IBM MEAS. NO. C500-601
12K021	*	TEMP. AIR/GN2 S1B LAUNCHER PEDESTAL COMPARTMENT	* 30/100 DEG F	* DAS	*	*
12K022	*	TEMP. AIR/GN2 S1B AFT COMP.	* 30/100 DEG F	* DAS	*	*
13C064	*	TEMP, SURFACE OF FLAME WELL 5FT ABOVE FLOOR AT 0 DEG.	* 32/1900 DEG F	* VDAS	*	*
13C065	*	TEMP, SURFACE OF FLAME WELL 5FT ABOVE FLOOR AT 180 DEG.	* 32/1900 DEG F	* VDAS	*	*
13C066	*	TEMP, SURFACE INSIDE TORUS RING 5FT ABOVE FLOOR AT 0 DEG.	* 32/905 DEG F	* VDAS	*	*
13C067	*	TEMP, SURFACE INSIDE TORUS RING 5FT ABOVE FLOOR AT 180 DEG	* 32/905 DEG F	* VDAS	*	*
13C068	*	TEMP, AMB WALKWAY BETWEEN BRIDGES EASTEND HANDRAIL	* 32/905 DEG F	* VDAS	*	*
13C069	*	TEMP, AMB WALKWAY BETWEEN BRIDGES CENTER OF HANDRAIL	* 32/905 DEG F	* VDAS	*	*
13C070	*	TEMP, AMB WALKWAY BETWEEN BRIDGES WESTEND HAND RAIL	* 32/905 DEG F	* VDAS	*	*
21C043	*	VIB. PEDESTAL DECK 127 FT. LEV OUTSIDE EDGE 180 DEG NORMAL	* +-2 G * 0/30 HZ	* VDAS	*	*
21C044	*	VIB. PEDESTAL DECK 127 FT. LEV OUTSIDE EDGE 270 DEG NORMAL	* +-2 G * 0/30 HZ	* VDAS	*	*
21C045	*	VIB. PEDESTAL COLUMN 1-4 60 FT. LEVEL MEAS AXIS HORIZ SIDE 2-4	* +-2 G * 0/30 HZ	* VDAS	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SI-2 LC-39B

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*
*	*	*	*	*	*	NO.	*	*
*	*	*	*	*	*	*	*	*
* 22A004	*	* VIB TOP EQUIP ECS RM (NORM)	* +-25 G * 10/2000 HZ	* VDAS	* PC1-2445*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A005	*	* VIB TOP OF INSTRUMENT RACK NO 1 * VERTICAL, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A006	*	* VIB TOP OF TEE TO LOWER PURGE * GN2 RELIEF VALVE, VERT ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A007	*	* VIB TOP OF SOUTH COOLING COIL * CHAMBER, VERTICAL, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A008	*	* VIB TOP OF SOUTH DISCHARGE * MANIFOLD, VERTICAL, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A009	*	* VIB TOP OF INSTRUMENT RACK NO. 4 * VERTICAL, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A010	*	* VIB TOP OF CENTRIFUGAL CHILLER * NO. 3 VERTICAL, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A011	*	* VIB TOP OF SPEED INCREASER FOR * CHILLER NO. 3 VERT, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A012	*	* VIB, TOP OF MOTOR FOR CHILLER * NO. 3 VERTICAL, ECS ROOM	* +-25 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A013	*	* VIB VERT REAR TOP OF RACK 4 * ROW B RM 208	* +-5 G * 10/2000 HZ	* VDAS	* PC1-3671*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A014	*	* VIB (F.TO R.) REAR TOP OF RACK * 4 ROW B RM 208	* +-5 G * 10/2000 HZ	* VDAS	* PC1-3671*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A015	*	* VIB (S.TO S.) SIDE OF RACK 1 * ROW B RM 208	* +-5 G * 10/2000 HZ	* VDAS	* PC1-3671*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A016	*	* VIB (VERT) TOP FACE OF RACK 4 * ROW E RM 208	* +-5 G * 10/2000 HZ	* VDAS	* PC1-3671*	*	*	*
*	*	*	*	*	*	*	*	*
* 22A017	*	* VIB (F.TO R.) TOP FACE OF RACK * 4 ROW E RM 208	* +-5 G * 10/2000 HZ	* VDAS	* PC1-3671*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 22C131	*	* VIB,FLAME WELL WALL PANEL * BETWEEN HDA I-IV AND HDA IV. * NORMAL TO WALL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
							REQ.NO.	* NO.	*
*	*	*	*	*	*	*	*	*	*
* 22C132	*	* VIB, FLAME WELL WALL PANEL * BETWEEN HDA II-III AND HDA II * NORMAL TO WALL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C133	*	* VIB, HDA CONTROL PANEL VERTICAL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C134	*	* VIB, HDA CONTROL PANEL FRONT * TO REAR RADIAL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C135	*	* VIB, HDA CONTROL PANEL SIDE * TO SIDE LATERAL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C136	*	* VIB, HDA IV STIFFENER NO 2 * NARROW WEBB VERT I BEAM VERT	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C137	*	* VIB, HDA IV STIFFENER NO 2 NARROW * WEBB VERT 1 BEAM NORMAL TO WEBB	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C138	*	* VIB, HDA IV STIFFENER NO 2 WIDE * WEBB VERTICAL I BEAM NORMAL/WALL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C139	*	* VIB, HDA I-II STIFFENER NO 3 * WIDE WEBB VERT I BEAM VERT	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C140	*	* VIB, HDA I-II STIFFENER NO 3 WIDE * WEBB VERT I BEAM NORMAL TO WEBB	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C141	*	* VIB, HDA I-II STIFFENER NO 3 * NARROW WEBB VERT I BEAM * NORMAL TO WALL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C142	*	* VIB, HDA II-III STIFFENER NO 2 * WIDE WEBB VERT I BEAM VERT	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C143	*	* VIB, HDA II-III STIFFENER NO 2 * WIDE WEBB VERTICAL I BEAM * NORMAL TO WEBB	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22C144	*	* VIB, HDA II-III STIFFENER NO 2 * NARROW WEBB VERT I BEAM * NORMAL TO WALL	* +-100 G * 10/2000 HZ	* VDAS	*	*	*	*	*
* 22K001	*	* VIB LUT PEDESTAL (VERT) COR SIDE * 1 + 2 AS SHOWN	* +-25 G * 10/2000 HZ	* VDAS	*	PC1-2445*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.*		DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECODER*	DRAWING	REMARKS	* * *
* REQ. NO.*		*	*	*	*	* NO.	*	*
* 22K002		*	* VIB LUT PEDESTAL (HOR + PARA TO * SID1) CORNER SIDE 1 + 2 * AS SHOWN	* +-25 G * 10/2000 HZ	* VDAS	* PC1-2445*		*
* 22K003		*	* VIB LUT PEDESTAL (HOR + PARA TO * SIDE 2) CORNER SIDE 1 + 2. * AS SHOWN	* +-25 G * 10/2000 HZ	* VDAS	* PC1-2445*		
* 25B005		*	* ACOUSTICS LUT ROOM 7A XDCR VERT * FACING FLOOR	* 110/160 DB	* MAG TAPE*	PC1-2420*		
* 25B009		*	* ACOUSTICS ELEV CAGE SIDE 1 LUT * 0 FT LEVEL XDCR HORIZ FACING VEH	* 140/190 DB	* MAG TAPE*	PC1-2442*		
* 25B011		*	* ACOUSTICS, LUT RM 9A, XDCR VERT, FCG * FLOOR, 1FT. BELOW CEILG BEAM * 8 FT FROM SIDE 1/2	* 110/160 DB	* MAG TAPE*	PC1-2320*		
* 25B018		*	* ACOUSTICS LUT ROOM 16B XDCR * HORIZ FACING SIDE 4	* 120/170 DB	* MAG TAPE*	PC1-2419*		
* 25C006		*	* ACOUSTICS CORNER 1-2 LUT 140 * FOOT LEVEL XDCR FACING VEH	* 140/190 DB	* MAG TAPE*	PC1-2442*		
* 25C010		*	* ACOUSTICS CORNER 1-2 LUT 360 * FOOT LEVEL XDCR FACING VEH.	* 140/190 DB	* MAG TAPE*	PC1-2442*		
* 26C001		*	* WIND SPEED LUT 445 FT LEVEL	* 0/60 KNOTS	* SEE * REMARKS	* PC1-2453*	* DAS, CM AT FR, LUT + PTCR * SC AT LCC + LUT	
* 26C002		*	* WIND DIRECTION LUT 445 FT LEVEL	* 0/540 DEG	* SEE * REMARKS	* PC1-2453*	* DAS, CM AT FR, LUT + PTCR * SC AT LCC + LUT	
* 26C005		*	* WIND SPEED LUT 195 FT LEVEL * COR. S. 3-4	* 0/60 KNOTS	* SEE * REMARKS	* PC1-2453*	* DAS, CM AT FR, LUT + PTCR * SC AT LCC + LUT	

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS	*	*
*	*REQ. NO.	*	*	*	*	* NO.	*	*
* 26C006	*	* WIND DIRECTION 195 FT LEVEL * COR. S. 3-4	* 0/540 DEG	* SEE * REMARKS	PC1-2453*	* DAS, CM AT FR, LUT + PTCR * SC AT LCC + LUT	*	*
* 26C007	*	* WIND SPEED LUT 445 FT LEVEL * REDUNDANT TO 26C001	* 0/60 KNOTS	* DAS + SC	PC1-2453*	*	*	
* 26C008	*	* WIND DIRECTION LUT 445 FT LEVEL * REDUNDANT TO 26C002	* 0/540 DEG	* DAS + SC	PC1-2453*	*	*	
* 26K001	*	* WIND SPEED 60 FOOT LIGHT POLE * CAMERA SITE 3	* 0/60 KNOTS	* DAS + SC	PC1-2443*	*	*	
* 26K002	*	* WIND DIRECTION 60 FOOT LIGHT * POLE CAMERA SITE 3	* 0/540 DEG	* CM	*	*	*	
* 26K003	*	* WIND SPEED 60 FOOT LIGHT POLE * CAMERA SITE 6	* 0/60 KNOTS	* DAS + SC	PC1-2443*	*	*	
* 26K004	*	* WIND DIRECTION 60 FOOT LIGHT * POLE CAMERA SITE 6	* 0/540 DEG	* CM	*	*	*	
* 26K005	*	* BAROMETRIC PRESSURE CAMERA SITE	* 26-31 IN HG	* DAS + SC	PC1-2443*	*	*	
* 26K006	*	* BAROMETRIC PRESSURE CAMERA SITE	* 26-31 IN HG	* DAS + SC	PC1-2443*	*	*	
* 26K007	*	* SOLAR RADIATION CAMERA SITE 4 * TOTAL	* 0-2 LANGLEY	* DAS + SC	PC1-2443*	*	*	
* 26K008	*	* SOLAR RADIATION CAMERA SITE 4 * NORMAL	* 0-2 LANGLEY	* DAS + SC	PC1-2443*	*	*	
* 31C123	*	* FORCE SERVICE MODULE WITHDRAWAL * CABLE END OF SERVICE ARM NO. 8	* 0/2000 LBS	* SC	*	* VAB HIGH BAY TESTS ONLY	*	*
* 31C124	*	* FORCE REDUNDANT MODULE WITH- DRAWAL CABLE END OF SER ARM NO.8	* 0/2000 LBS	* SC	*	* VAR HIGH BAY TESTS ONLY	*	*
* 31C148	*	* STRAIN,HDA-II III STIFFENER * INSIDE FLANGE MIDPOINT VERTICAL	* +- 1K MI/I	* VDAS	*	*	*	*
* 31C149	*	* STRAIN,HDA-II III STIFFENER * INSIDE FLANGE MIDPOINT HORIZ	* +- 1K MI/I	* VDAS	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	
						* NO.	*
31C150	*	* STRAIN,HDA-II III STIFFENER * OUTSIDE FLANGE MIDPOINT VERTICAL	* +- 1K MI/I	* VDAS	*	*	*
31C151	*	* STRAIN,HDA-II III STIFFENER * OUTSIDE FLANGE MIDPOINT HORIZ	* +- 1K MI/I	* VDAS	*	*	*
31C152	*	* STRAIN,HDA-II III STIFFENER * TOP FLANGE AT MIDPOINT LONGIT	* +- 1K MI/I	* VDAS	*	*	*
31C153	*	* STRAIN,HDA-II III STIFFENER * BOTTOM FLANGE MIDPOINT LONGIT	* +- 1K MI/I	* VDAS	*	*	*
31C154	*	* STRAIN,STIFFENER BETWEEN HDA II * AND HDA II-III INSIDE FLANGE * AT MIDPOINT VERTICAL	* +- 1K MI/I	* VDAS	*	*	*
31C155	*	* STRAIN,STIFFENER BETWEEN HDA II * AND HDA II-III INSIDE FLANGE * AT MIDPOINT HORIZONTAL	* +- 1K MI/I	* VDAS	*	*	*
31C156	*	* STRAIN,STIFFENER BETWEEN HDA II * AND HDA II-III OUTSIDE FLANGE * AT MIDPOINT VERTICAL	* +- 1K MI/I	* VDAS	*	*	*
31C157	*	* STRAIN,STIFFENER BETWEEN HDA II * AND HDA II-III OUTSIDE FLANGE * AT MIDPOINT HORIZONTAL	* +- 1K MI/I	* VDAS	*	*	*
31C158	*	* STRAIN,STIFFENER BETWEEN HDA II * AND HDA II-III TOP FLANGE * AT MIDPOINT LONGITUDINAL	* +- 1K MI/I	* VDAS	*	*	*
31C159	*	* STRAIN,STIFFENER BETWEEN HDA II * AND HDA II-III BOTTOM FLANGE * AT MIDPOINT LONGITUDINAL	* +- 1K MI/I	* VDAS	*	*	*
31C160	*	* STRAIN,LONGT. PEDESTAL COLUMN * 1-2 54 FT LEVEL NO.1	* +- 1K MI/I	* DAS	*	*	*
31C161	*	* STRAIN,LONGT. PEDESTAL COLUMN * 1-2 54 FT LEVEL NO.2	* +- 1K MI/I	* DAS	*	*	*
31C162	*	* STRAIN,LONGT. PEDESTAL COLUMN * 1-2 54 FT LEVEL NO.3	* +- 1K MI/I	* DAS	*	*	*
31C163	*	* STRAIN,LONGT. PEDESTAL COLUMN * 2-3 54 FT LEVEL NO.1	* +- 1K MI/I	* DAS	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS	*	*	*
							*REQ. NO.	*	* NO.
* 31C164	*	* STRAIN, LONGT. PEDESTAL COLUMN * 2-3 54 FT LEVEL NO.2	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C165	*	* STRAIN, LONGT. PEDESTAL COLUMN * 2-3 54 FT LEVEL NO.3	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C166	*	* STRAIN, LONGT. PEDESTAL COLUMN * 3-4 54 FT LEVEL NO.1	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C167	*	* STRAIN, LONGT. PEDESTAL COLUMN * 3-4 54 FT LEVEL NO.2	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C168	*	* STRAIN, LONGT. PEDESTAL COLUMN * 3-4 54 FT LEVEL NO.3	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C169	*	* STRAIN, LONGT. PEDESTAL COLUMN * 1-4 54 FT LEVEL NO.1	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C170	*	* STRAIN, LONGT. PEDESTAL COLUMN * 1-4 54 FT LEVEL NO.2	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C171	*	* STRAIN, LONGT. PEDESTAL COLUMN * 1-4 54 FT LEVEL NO.3	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C172	*	* STRAIN, LONGT. PEDESTAL COLUMN * 1-2 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C173	*	* STRAIN, LONGT. PEDESTAL COLUMN * 2-3 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C174	*	* STRAIN, LONGT. PEDESTAL COLUMN * 3-4 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C175	*	* STRAIN, LONGT. PEDESTAL COLUMN * 4-1 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C176	*	* STRAIN, LONGT. DIAG. STRUT PEDEST * SIDE 1 CORNER 4-1 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C177	*	* STRAIN, LONGT. DIAG. STRUT PEDEST * SIDE 1 CORNER 1-2 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C178	*	* STRAIN, LONGT. DIAG. STRUT PEDEST * SIDE 2 CORNER 2-1 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C179	*	* STRAIN, LONGT. DIAG. STRUT PEDEST * SIDE 2 CORNER 2-3 112 FT LEVEL	* +- 1K MI/I	* DAS	*	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*	*
REQ.NO.		*	*	* NO.	*	*	*	*
* 31C180 *	* STRAIN, LONGT. DIAG. STRUT PEDEST* * SIDE 3 CORNER 3-2 112 FT LEVEL *	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C181 *	* STRAIN, LONGT. DIAG. STRUT PEDEST* * SIDE 3 CORNER 3-4 112 FT LEVEL *	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C182 *	* STRAIN, LONGT. DIAG. STRUT PEDEST* * SIDE 4 CORNER 4-3 112 FT LEVEL *	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31C183 *	* STRAIN, LONGT. DIAG. STRUT PEDEST* * SIDE 4 CORNER 4-1 112 FT LEVEL *	* +- 1K MI/I	* DAS	*	*	*	*	*
* 31K005 *	* TENSION SLIDEWIRE AT ANCHOR * POINT AT LUT 340 FT LEVEL PAD A	* 0/50000 LBS	* DAS + SC*					
* 32C001 *	* POSITION SIVB STAGE LH2 ANNIN * VALVE LUT 200 FT LEVEL * AT VALVE A3311	* 0/100 PCT OPEN	* DAS + SC*	PC1-2412*				
* 32C004 *	* POSITION LOX REPLENISH CONT. * VALVE A205 LUT 120 FT LEVEL (ANNIN VALVE)	* 0/100 PCT OPEN	* DAS + SC*	PC1-2405*				
* 32C005 *	* POSITION LOX REPLENISH CONT. * VALVE A206 LUT 200 FT LEVEL (ANNIN VALVE)	* 0/100 PCT OPEN	* DAS + SC*	PC1-2405*				
* 32C006 *	* POS. APOLLO ACCESS ARM ENVIRO. * CHAMBER, LATERAL N-S DIRECTION	* +-12 IN	* DAS + SC*	PC1-2436*				
* 32C007 *	* POS. APOLLO ACCESS ARM ENVIRO. * CHAMBER, LATERAL E-W DIRECTION	* +-12 IN	* DAS + SC*	PC1-2436*				
* 32C012 *	* POSITION DAMPER CYL RIGHT SIDE * PRIMARY DAMPER ARM LUT	* 0/53 INCHES	* DAS + SC*	PC1-2449*				
* 32C013 *	* POSITION DAMPER CYL LEFT SIDE * PRIMARY DAMPER ARM LUT	* 0/53 INCHES	* DAS + SC*	PC1-2449*				
* 32C017 *	* DEFLECTION PEDESTAL BRIDGE AT * LUT CORNER 1-2 HORIZ AND * PARALLEL TO SIDE 1	* +- 3 IN	* VDAS					

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
*	*	*REQ. NO.*	*	*	*	NO.	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 32C018 *	* DEFLECTION PEDESTAL BRIDGE AT * LUT CORNER 1-2 HORIZ AND 120 DEG*	* +/- 3 IN	* VDAS	*	*	*	*
*	*	* FROM SIDE 1 MEAS 32C017	*	*	*	*	*	*	*
*	*	* 32C019 *	* DEFLECTION PEDESTAL BRIDGE AT * LUT CORNER 1-2 HORIZ AND 240 DEG*	* +/- 3 IN	* VDAS	*	*	*	*
*	*	* FROM SIDE 1 MEAS 32C017	*	*	*	*	*	*	*
*	*	* 32C033 *	* POSITION RP-1 ANNIN VALVE * 100 FT. LEVEL VALVE COMPLEX	* 0/100 PCT OPEN	* DAS + SC*	*	*	*	*
*	*	* 32C035 *	* POSITION, S1B LOX SLOW FILL CONT * VALVE A61203 120 FT LEVEL	* 0/100 PCT OPEN	* DAS + SC*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 32G001 *	* POSITION LOX VAPORIZER FLOW * CONTROL VALVE A12 1 1/2 INCH	* 0/100 PCT OPEN	* DAS + SC*	PC1-2402*	*	*	*
*	*	* TRAVEL AT LOX FACILITY	*	*	*	*	*	*	*
*	*	* 32G002 *	* POSITION, IM FLOW CONTROL BYPASS * VALVE A197	* 0/100 PCT OPEN	* DAS + SC*	PC1-2402*	*	*	*
*	*	* 32G003 *	* POSITION, IM FLOW CONTROL BYPASS * VALVE A136	* 0/100 PCT OPEN	* DAS + SC*	PC1-2402*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 33C011 *	* FLOWRATE RP-1 100 FT LEVEL * VALVE COMPLEX	* 0/3000 GPM	* DAS + SC*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 33G001 *	* FLOW RATE LOX REPLENISH LINE * LOX FACILITY FLOW METER A67	* 0/1500 GPM	* DAS + SC*	PC1-2402*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 33G003 *	* FLOW RATE 12 INCH LOX LINE * LOX FACILITY FLOW METER A69	* 0/12000 GPM	* DAS + SC*	PC1-2402*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 33G006 *	* FLOW RATE, A126 CLUTCH COOLING * WATER	* 0/50 GPM	* DAS + SC*	PC1-2402*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	* 33G007 *	* FLOW RATE, A127 CLUTCH COOLING * WATER	* 0/50 GPM	* DAS + SC*	PC1-2402*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
SL-2 LC-39B

MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*	*
						*	*	*
* 33G008	* FLOW RATE LOX REPLENISH LINE * REDUNDANT TO 33G01	* 0/1500 GPM	* DAS + SC	* PC1-2402*	*	*	*	
* 33K006	* FLOW RATE, POTABLE WATER TO * LH2 BURN POND	* +-10 PSID	* DAS + SC	* PC1-2408*	*	*	*	
* 34F001	* RPM RP-1 TRANSFER PUMP RP-1 * STORAGE AREA	* 0/3800 RPM	* DAS + SC	* PC1-2415*	*	*	*	
* 34G003	* RPM, A126 LOX PUMP	* 0/3600 RPM	* DAS + SC	* PC1-2401*	*	*	*	
* 34G004	* RPM, A127 LOX PUMP	* 0/3600 RPM	* DAS + SC	* PC1-2401*	*	*	*	
* 34K002	* RPM INDUSTRIAL WATER PUMP P-1	* 0/1800 RPM	* DAS + SC	* PC1-4005*	*	*	*	
* 35F001	* LIQUID LEVEL RP-1 STORAGE TANK * AT RP-1 STORAGE FACILITY	* 0/263 K GAL	* DAS + SC	* PC1-2416*	*	*	*	
* 35G001	* LIQUID LEVEL LOX STORAGE TANK * AT LOX STORAGE FACILITY	* 0/950 K GAL	* DAS + SC	* PC1-2401*	*	*	*	
* 35H001	* LIQUID LEVEL LH2 STORAGE TANK * AT LH2 STORAGE FACILITY	* 0/900 K GAL	* DAS + SC	* PC1-2408*	*	*	*	

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS	*	*	*
							*	*	*
* 39C002	*	* CORONA CURRENT MIDPOINT OF LUT * CRANE BOOM	* +-100 MA	* SC	* PC1-2453*	*	*	*	
* 39C003	*	* MAGNETIC LINK LUT LIGHTNING MAST * TOP	* N/A	* MAG LINK	* PC1-2453*	*	*	*	
* 39C004	*	* LIGHTNING DISCHARGE COUNTER TOP * OF LIGHTNING MAST	* N/A	* SC	* PC1-2453*	*	*	*	
* 39C008	*	* STROKE CURRENT AT BASE OF LIGHTN * ING MAST	* 0/200 KA	* SC	* PC1-2453*	*	*	*	
* 39C016	*	* LIGHTNING CURRENT WAVEFORM * LUT 3 LIGHTNING MAST	* 0/200 KA	* SC	* PC1-2453*	*	*	*	
* 39C017	*	* LIGHTNING INDUCED CURRENT, LIGHT * MAST CABLES, TOP OF LUT	* 0/200 KA	* SC	* PC1-2453*	*	*	*	
* 39K017	*	* MAG. LINK, ON SLIDEWIRE BETWEEN * BARRIER AND SUPPORT TOWER	* NA	* MAG LINK	*	*	*	*	
* 39K018	*	* MAG. LINK ON SLIDEWIRE WITHIN 18 * INCHES OF ANCHORING POINT ON LUT	* NA	* MAG LINK	*	*	*	*	
* 39X016	*	* ELECTRIC FIELD INTENSITY * SITE 1, CAMERA SITE 10	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	
* 39X017	*	* ELECTRIC FIELD INTENSITY * SITE 2, WEATHER TOWER 11	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	
* 39X018	*	* ELECTRIC FIELD INTENSITY * SITE 3, WEATHER TOWER 12	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	
* 39X019	*	* ELECTRIC FIELD INTENSITY * SITE 4, CAMERA SITE 9	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	
* 39X020	*	* ELECTRIC FIELD INTENSITY * SITE 5, WEATHER TOWER 10	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	
* 39X021	*	* ELECTRIC FIELD INTENSITY * SITE 6, CAMERA SITE 5	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	* * *
* * *	* * *	* * *	* * *	* NO. *	* * *	* * *
* 39X022 *	* ELECTRIC FIELD INTENSITY * SITE 7, CAMERA SITE 13	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X023 *	* ELECTRIC FIELD INTENSITY * SITE 8, CAMERA SITE 4	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X024 *	* ELECTRIC FIELD INTENSITY * SITE 9, CAMERA SITE 7	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X025 *	* ELECTRIC FIELD INTENSITY * SITE 10, CAMERA SITE 14	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X026 *	* ELECTRIC FIELD INTENSITY * SITE 11, WEATHER TOWER 8	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X027 *	* ELECTRIC FIELD INTENSITY * SITE 12, WEATHER TOWER 7	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X028 *	* ELECTRIC FIELD INTENSITY * SITE 13, CAMERA SITE 12	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X029 *	* ELECTRIC FIELD INTENSITY * SITE 14, CAMERA SITE 15	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X030 *	* ELECTRIC FIELD INTENSITY * SITE 15, UDOP TRANSMITTER	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X031 *	* ELECTRIC FIELD INTENSITY * SITE 16, CAMERA SITE 3	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X032 *	* ELECTRIC FIELD INTENSITY * SITE 17, WEATHER TOWER 6	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X033 *	* ELECTRIC FIELD INTENSITY * SITE 18, FREQUENCY CONTROL	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X034 *	* ELECTRIC FIELD INTENSITY * SITE 19, WEATHER TOWER 1	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X035 *	* ELECTRIC FIELD INTENSITY * SITE 20, CIF FIELD ANTENNA	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X036 *	* ELECTRIC FIELD INTENSITY * SITE 21, CAMERA SITE 2	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *
* 39X037 *	* ELECTRIC FIELD INTENSITY * SITE 22, UNIFIED S BAND SITE	* +-15 KV/M	* DAS	* PC1-5159*	* * *	* * *

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
							REQ.NO.	* NO.	*
* 39X038	*	ELECTRIC FIELD INTENSITY SITE 23, CAMERA SITE 1	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	*
* 39X039	*	ELECTRIC FIELD INTENSITY SITE 24, WEATHER TOWER 5	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	*
* 39X040	*	ELECTRIC FIELD INTENSITY SITE 25, TPQ-18 RADAR SITE	* +-15 KV/M	* DAS	* PC1-5159*	*	*	*	*
* 41A001	*	SIGNAL AT T-0	* 0/5 VOLTS	* DAS	*	*	*	*	*
* 41B001	*	SIGNAL AT T-0, ROOM 10B LUT	* 0/5 VOLTS	* DAS	*	*	*	*	*
* 41C001	*	EVENT, SERVICE MODULE RETRACTED SWING ARM 8 0 VOLT-EXTD5VOLT-RET*, EXTD/RET RD	* 0/5 VOLTS	* SC	*	*	*	*	*
* 41C002	*	EVENT, SWING ARM 7 RETRACTED 0 VOLTS-EXTD 5 VOLTS-RETRCTD	* 0/5 VOLTS * EXTD/RET RD	* SC	*	*	*	*	*
* 41K001	*	SIGNAL PAMS START	* OFF 0 VOLTS * ON 6V OR 28V	* DAS	*	*	* SC RTSW TO DAS	*	*
* 42A006	*	KW S-IVB AFT HTR. BANK 1 AND 2 REHEAT ECS ROOM	* 0/100 PCT	* DAS + MP*	* PC1-2639*	*	*	*	*
* 42A007	*	KW IU HTR. BANK 1 AND 2 REHEAT ECS ROOM	* 0/100 PCT	* DAS + MP*	* PC1-2639*	*	*	*	*
* 42A008	*	KW SERVICE HTR. BANK 1 AND 2 REHEAT ECS ROOM	* 0/100 PCT	* DAS + MP*	* PC1-2639*	*	*	*	*
* 42A009	*	KW COMMAND HTR. BANK 1 AND 2 REHEAT ECS ROOM	* 0/100 PCT	* DAS + MP*	* PC1-2639*	*	*	*	*

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
		REQ.NO.	*	*	*	NO.
42A025	*	* VOLTAGE CONSTANT VOLTAGE SOURCE * ROOM 208 PTCR	* 0/10 VOLTS	* DAS	*	*
42A026	*	* KW S1B LAUNCHER PEDESTAL HEATER * BANK 1 AND 2 REHEAT ECS ROOM	* 0/100 PCT	* DAS	*	*
42A027	*	* KW S1B AFT ENG HEATER BANK 1 * AND 2 REHEAT ECS ROOM	* 0/100 PCT	* DAS	*	*
42A028	*	* KW S1B FWD HEATER BANK 1 AND 2 * REHEAT ECS ROOM	* 0/100 PCT	* DAS	*	*
42B001	*	* VOLTAGE CONSTANT VOLTAGE SOURCE	* 0/10 VOLTS	* DAS	*	*
42K002	*	* VOLTAGE, DAS F+E SYSTEMS * CALIBRATION	* 0/5 VDC	* DAS	*	*
44A001	*	* RELATIVE HUMIDITY OUTSIDE OF ECS * ROOM		* HYGRO * THERMO * GRAPH	*	*
44B001	*	* REL HUMIDITY AT RCA 110 LUT * RM 15A		* HYGRO- * THERMO- * GRAPH	*	*
44K001	*	* RELATIVE HUMIDITY AMBIENT * CAMERA SITE 3	* 0/100 PCT	* DAS + SC	* PC1-2443*	*
44K002	*	* RELATIVE HUMIDITY AMBIENT * CAMERA SITE 6	* 0/100 PCT	* DAS + SC	* PC1-2443*	*

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*MEAS. NO.*DISPLAY*		MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	* * *
REQ.NO.			*	*	* NO.	*	* * *
* 50C001	*	* H2 SENSOR VENT LINE EXPANSION * JOINT AT LUT DISCONNECT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3914* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C002	*	* H2 SENSOR VENT LINE EXPANSION * JOINT BASE OF VERT PIPE LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3914* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C003	*	* H2 SENSOR VENT LINE EXPANSION * 100 FOOT LEVEL LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3927* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C004	*	* H2 SENSOR VENT LINE EXPANSION * 140 FOOT LEVEL LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3927* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C005	*	* H2 SENSOR VENT LINE EXPANSION * 200 FOOT LEVEL LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3915* * PC1-3916* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR ALARM LEVEL 1 PCT H2	* * *
* 50C021	*	* H2 SENSOR REPLENISH VALVE * A-3311 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3916* * PC1-3926*	CONCENTRATION IN AIR	* * *
* 50C022	*	* H2 SENSOR MAIN FILL VALVE * A-3321 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C023	*	* H2 SENSOR MAIN FILL VALVE * REDUNDANT A-3368 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3916* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C024	*	* H2 SENSOR UMBILICAL VENT VALVE * A-3317 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C025	*	* H2 SENSOR UMBILICAL VENT VALVE * REDUNDANT (A-3366) LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3916* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C026	*	* H2 SENSOR UMBILICAL VENT VALVE * BY-PASS A-3367 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3916* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C027	*	* H2 SENSOR FILTER BURST * DISCONNECT FLANGE A-3414 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3916* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C028	*	* H2 SENSOR HEAT EXCHG INLET VALVE * A-12273 LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVFNT	* PC1-3917* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C029	*	* H2 SENSOR VENT CHECK VALVE A3442 * LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3670*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C030	*	* H2 SENSOR HEAT EXCHG OUTLET * CHECK AND FLEX (A-3444) LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3917* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *
* 50C031	*	* H2 SENSOR DEBRIS VALVE SWING * ARM NO 6 (A-7654) LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	* * *

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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	*REQ. NO.	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
				*	*	*	NO.	*	*	
* 50C032	*	* H2 SENSOR ABOVE VENT MANIFOLD	*	* 0/4 PCT	* EVENT	* PC1-3916*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	* BENEATH VALVE SKID LUT	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C033	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR DISCONNECT VEHICLE	*	* 0/4 PCT	* EVENT	* PC1-3926*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	* FILL AND DRAIN SWING ARM NO 6	*	* H2 CONCEN IN AIR	*	*	CONCENTRATION IN AIR	*	*	*
* 50C034	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR VACUUM JACKET	*	* 0/4 PCT	* EVENT	* PC1-3917*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	* MECHANICAL JOINT SW ARM NO 6	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C035	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR DISCONNECT VEHICLE	*	* 0/4 PCT	* EVENT	* PC1-3917*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	* VENT SWING ARM NO 7 LUT	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C036	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR INSTRUMENT CABINET	*	* 0/4 PCT	* EVENT	* PC1-3926*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	* 6200A1 VENT. PORT LUT	*	* H2 CONCEN IN AIR	*	*	CONCENTRATION IN AIR	*	*	*
* 50C037	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR DISCONNECT TOWER	*	* 0/4 PCT	* EVENT	* PC1-3914*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	* LUT INTERFACE	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C038	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 40 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3914*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C039	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 60 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3914*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C040	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 80 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3927*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C041	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 100 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3927*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C042	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 120 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3927*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C043	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 140 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3927*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C044	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 160 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3927*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C045	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 180 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3915*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C046	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 200 FOOT LEVEL LUT	*	* 0/4 PCT	* EVENT	* PC1-3915*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*
* 50C047	*	*	*	*	*	*	*	*	*	*
*	*	* H2 SENSOR 220 FOOT LEVEL LUT	*	* 0/4 PCT	* EVFNT	* PC1-3915*	ALARM LEVEL 1 PCT H2	*	*	*
*	*	*	*	* H2 CONCEN IN AIR	*	* PC1-3926*	CONCENTRATION IN AIR	*	*	*

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50C048	*	H2 SENSOR 240 FOOT LEVEL LUT	* 0/4 PCT * H2 CONCEN IN AIR	* EVFNT	* PC1-3915* * PC1-3926*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
*	*	*	*	*	*	*
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H001	*	H2 SENSOR STORAGE TANK AUXILIARY VENT VALVE (A-3404) LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H002	*	H2 SENSOR FLEX HOSE ON INLET SIDE A-3422 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H003	*	H2 SENSOR PRE-CONDITION VALVE A3338 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H004	*	H2 SENSOR STORAGE TANK VENT VALVE A3422 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H005	*	H2 SENSOR TRANS-LINE ISOLATION VALVE A-3401 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H006	*	H2 SENSOR TRANS-LINE VALVE A3301 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H007	*	H2 SENSOR TRANS-LINE CHILDDOWN VALVE A-3309 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H008	*	H2 SENSOR TRANS-LINE VENT VALVE A3307 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H009	*	H2 SENSOR STORAGE TANK VENT VALVE PNEU A-3306 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H010	*	H2 SENSOR STORAGE TANK VACUUM VALVE A-3454 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H011	*	H2 SENSOR FILL LINE VALVE A3402 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H012	*	H2 SENSOR FILL LINE VALVE PNEUMATIC A3302 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVFNT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H013	*	H2 SENSOAUXILIARY VAPOR SUPPLY VALVE A3360 LH2 AREA	* 0/4 PCT * H2 CONCFN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
50H014	*	H2 SENSOR MAIN VAPOR SUPPLY VALVE A3361 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR
*	*	*	*	*	*	*
*	*	*	*	*	*	*
*	*	*	*	*	*	*

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*MEAS. NO.*DISPLAY		MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	* * *
REQ.NO.			*	*	*	NO.	*
* 50H015	*	* H2 SENSOR MAIN VAPOR CONTROL * VALVE A-3304 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H016	*	* H2 SENSOR FLEX HOSE ON INLET * SIDE A-3338 LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H017	*	* H2 SENSOR PRIMARY VAPOR FLANGE * LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H018	*	* H2 SENSOR PRIMARY VAPOR FLANGE * LH2 AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H019	*	* H2 SENSOR PRIMARY VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H020	*	* H2 SENSOR PRIMARY VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H021	*	* H2 SENSOR PRIMARY VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H022	*	* H2 SENSOR REDUNDANT VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H023	*	* H2 SENSOR REDUNDANT VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H024	*	* H2 SENSOR REDUNDANT VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H025	*	* H2 SENSOR REDUNDANT VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H026	*	* H2 SENSOR PRIMARY VAPOR OUTLET * CHECK VALVE 3362 LH2 STORAGE	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H027	*	* H2 SENSOR REDUNDANT VAPOR OUTLET * CHECK VALVE A-3363 LH2 STORAGE	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H028	*	* H2 SENSOR STORAGE TANK VENT * RUPTURE DISC A3421 LH2 STORAGE	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H029	*	* H2 SENSOR STORAGE TANK RELIEF * VALVE A-3423 LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*
* 50H030	*	* H2 SENSOR ABOVE PURGE OUTLET * PORT INSTRUMENTATION CAB LH2	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3911*	ALARM LEVEL 1 PCT H2 CONCENTRATION IN AIR	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
							* NO.	*	*
* 50H031	*	* H2 SENSOR VACUUM JACKETS LINE * MECHANICAL JOINT LH2 CROSSCOUNT * PIPE LINE BETWEEN FAC + BURN PD	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50H032	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINE LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVFNT	* PC1-3912	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50H033	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINE LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50H034	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINE LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50H035	*	* H2 SENSOR REDUNDANT VAPOR FLANGE * LH2 STORAGE AREA	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3912	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K001	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINES BETWEEN POND + PAD * APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K002	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINES BETWEEN POND + PAD * APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K003	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINES NEAR POND + TEE * PAD APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K004	*	* H2 SENSOR FLEX HOSE IN FACILITY * VENT LINES NEAR POND + TEE * PAD APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K005	*	* H2 SENSOR EXPANSION JOINT * BETWEEN POND + TEE PAD APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K006	*	* H2 SENSOR EXPANSION JOINT * BETWEEN POND + TEE PAD APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVFNT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K007	*	* H2 SENSOR MECHANICAL JOINT IN * V.J. LINE 30 FT SW OF TEE * PAD APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*
* 50K008	*	* H2 SENSOR EXPANSION JOINT IN * VENT LINE LH2 DISCONNECT PAD * APRON	* 0/4 PCT * H2 CONCEN IN AIR	* EVENT	* PC1-3910	* ALARM LEVEL 1 PCT H2 * CONCENTRATION IN AIR	*	*	*

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MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	* DRAWING*	* REMARKS	*	*	*
						REQ.NO.	*	*
* 50K009	* H2 SENSOR TOWER AND VENT LINE	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* EXPANSION LOOP PAD APRON	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
* 50K010	* H2 SENSOR VACUUM JACKET	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* MECHANICAL JOINT IN H2 TRENCH	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	* PAD APRON	*	*	*	*	*	*	*
* 50K011	* H2 SENSOR EXPANSION JOINT IN	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* TRENCH PAD APRON	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K012	* H2 SENSOR EXPANSION JOINT BASE	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* OF DISC TOWER PAD APRON	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K013	* H2 SENSOR EXPANSION JOINT TOP	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* OF DISC TOWER PAD APRON	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K014	* H2 SENSOR VACUUM JKT MECHANICAL	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* JOINT AT LUT DISCONNECT PAD	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	* APRON	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*
* 50K015	* H2 SENSOR GH2 FILL LINE AT BASE	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* OF DISC TOWER PAD	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K016	* H2 SENSOR TOP OF DISCONNECT	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* TOWER PAD	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K017	* H2 SENSOR BASE OF DISCONNECT	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* TOWER PAD	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K018	* H2 SENSOR TOP OF DISCONNECT	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* TOWER + LUT PAD	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K019	* H2 SENSOR PAD AREA 14 INCH VENT	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* LINE PAD EXPAN LOOP EAST	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50K020	* H2 SENSOR PAD AREA 14 INCH VENT	* 0/4 PCT	* EVENT	* PC1-3910*	ALARM LEVEL 1 PCT H2	*	*	*
	* LINE PAD EXPAN LOOP WEST	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
	*	*	*	*	*	*	*	*
* 50V002	* H2 SENSOR INTERFACE TANK	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*
	* GH2 AREA MOBILE RECHARGER	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50V003	* H2 SENSOR HAND VALVE TANK 1 + 2	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*
	* INLET WEST END MOB RECHR GH2AREA	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*
* 50V004	* H2 SENSOR WEST END OF TANK NO 2	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*
	* MOB RECHR GH2 AREA	* H2 CONCEN IN AIR	*	*	* CONCENTRATION IN AIR	*	*	*
	*	*	*	*	*	*	*	*

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MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	*REQ. NO.*	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*	*
			*	*	*	NO.	*	*	*
* 50V005 *	* H2 SENSOR HAND VALVE TANK 3 + 4 *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V005 *	* INLT WEST END MOB RECHR GH2 AREA *	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V006 *	* H2 SENSOR HAND VALVE WEST END *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V006 *	* TANK NO 4 MOB RECHR GH2 AREA *	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V011 *	* H2 SENSOR AUTOMATIC VALVE A30449*	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V011 *	* GH2 AREA MOB. RECHR	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V012 *	* H2 SENSOR HAND VALVE LUT SUPPLY *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V012 *	* LINE GH2 AREA MOB RECHR	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V013 *	* H2 SENSOR VLV COMPLEX GH2 AREA *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V013 *	* MOB RECHR LH2 SUPPLY LINE	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V014 *	* H2 SENSOR REMOTE VALVE LH2 *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V014 *	* SUPPLY LINE GH2 AREA	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V015 *	* H2 SENSOR HAND VALVE RECHARGER *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V015 *	* TO BATTERY INLET GH2 AREA	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V016 *	* H2 SENSOR HAND VALVE TANK 1 + 2 *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V016 *	* INLET EAST END GH2 AREA	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V017 *	* H2 SENSOR EAST END TANK NO. 2 *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V017 *	* GH2 AREA	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V018 *	* H2 SENSOR HAND VALVE TANK 3 + 4 *	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V018 *	* INLET EAST END GH2 AREA	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V019 *	* H2 SENSOR EAST END OF TANK NO. 4*	* 0/4 PCT	* EVENT	* PC1-3913*	ALARM LEVEL 1 PCT H2	*	*	*	
* 50V019 *	* LUT DISCONNECT	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 50V032 *	* H2 SENSOR AIR INTAKE OF GH2 *	* 0/4 PCT	* EVENT	*	* ALARM LEVEL 1 PCT H2	*	*	*	
* 50V032 *	* MONITOR TRAILER	* H2 CONCEN IN AIR *	*	*	* CONCENTRATION IN AIR	*	*	*	
* 51C001 *	* UV DETECTOR VERT LINE EXPANSION *	* 1900/2900 A	* EVENT	* PC1-3914*	ALARM POINT 1 INCH FLAME	*	*	*	
* 51C001 *	* JOINT LUT 0 FT LEVEL	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*	
* 51C002 *	* UV DETECTOR VERT LINE EXPANSION *	* 1900/2900 A	* EVFNT	* PC1-3914*	ALARM POINT 1 INCH FLAME	*	*	*	
* 51C002 *	* JOINT LUT 200 FT LEVEL	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*	
* 51C007 *	* UV DETECTOR VALVE COMPLEX AREA *	* 1900/2900 A	* EVENT	* PC1-3917*	ALARM POINT 1 INCH FLAME	*	*	*	
* 51C007 *	* LUT ALL VALVES	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*	

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MEAS. NO.	*DISPLAY*	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*	*
							REQ.NO.	*	* NO. *
* 51C008 *	*	* UV DETECTOR HEAT EXCHANGE AREA	* 1900/2900 A	* EVENT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C009 *	*	* UV DETECTOR LIQUID LINE	* 1900/2900 A	* EVENT	* PC1-3926*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* INTERFACE LUT SWING ARM NO 6	*	*	*	WITHIN 10 FEET OF DET	*	*	*
* 51C010 *	*	* UV DETECTOR VENT LINE INTERFACE	* 1900/2900 A	* EVENT	* PC1-3917*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LUT SWING ARM NO 7	*	*	* PC1-3926*	WITHIN 5 FEET OF DET	*	*	*
* 51C011 *	*	* UV DETECTOR DISC TOWER + LUT	* 1900/2900 A	* EVENT	* PC1-3917*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* INTERFACE LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C012 *	*	* UV DETECTOR BOTTOM EXPANSION	* 1900/2900 A	* EVENT	* PC1-3917*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINTS ON VENT LINE LUT	*	*	* PC1-3912*	WITHIN 10 FEET OF DET	*	*	*
* 51C013 *	*	* UV DETECTOR 40 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3914*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C015 *	*	* UV DETECTOR 60 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3914*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C017 *	*	* UV DETECTOR 80 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C018 *	*	* UV DETECTOR VENT LINE EXPANSION	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINTS 90 FT LEVEL LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C019 *	*	* UV DETECTOR 100 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINTS LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C021 *	*	* UV DETECTOR 120 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C022 *	*	* UV DETECTOR VENT LINE EXPANSION	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT 120 FT LEVEL LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C023 *	*	* UV DETECTOR 140 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C024 *	*	* UV DETECTOR VENT LINE EXPANSION	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT 140 FT LEVEL LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C025 *	*	* UV DETECTOR 160 FT LEVEL GH2	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*
* 51C026 *	*	* UV DETECTOR VENT LINE EXPANSION	* 1900/2900 A	* EVENT	* PC1-3927*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* JOINT 160 FT LEVEL LUT	*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*	*

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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*
							*REQ.NO.	* NO.
* 51C027	*	* UV DETECTOR 180 FT LEVEL GH2 * JOINT LUT	* 1900/2900 A	* EVENT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*
	*		*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*
* 51C029	*	* UV DETECTOR 200 FT LEVEL GH2 * JOINT LUT	* 1900/2900 A	* EVENT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*
	*		*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*
* 51C031	*	* UV DETECTOR 220 FT LEVEL GH2 * JOINT LUT	* 1900/2900 A	* EVENT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*
	*		*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*
* 51C032	*	* UV DETECTOR FLEX LINES SWING * ARM NO 6 LUT	* 1900/2900 A	* EVENT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*
	*		*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*
* 51C033	*	* UVDETECTOR 240 FT LEVEL * GH2 JOINT	* 1900/2900 A	* EVENT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*
	*		*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*
* 51C034	*	* UV DETECTOR FLEX LINES SWING * ARM NO 7 LUT	* 1900/2900 A	* EVFNT	* PC1-3915*	ALARM POINT 1 INCH FLAME	*	*
	*		*	*	* PC1-3926*	WITHIN 10 FEET OF DET	*	*
* 51C039	*	* TW DETECTOR DISCONNECT TOWER * LUT INTERFACE	* SEE REMARKS	* EVENT	* PC1-3914*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C040	*	* TW DETECTOR 40 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3914*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C041	*	* TW DETECTOR 60 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3914*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C042	*	* TW DETECTOR 80 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3927*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C043	*	* TW DETECTOR 100 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3927*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C044	*	* TW DETECTOR 120 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3927*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C045	*	* TW DETECTOR 140 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3927*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C046	*	* TW DETECTOR 160 FT LEVEL LUT	* SEE REMARKS	* EVFNT	* PC1-3927*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C047	*	* TW DETECTOR 180 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3915*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*
* 51C048	*	* TW DETECTOR 200 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3915*	TEMP RISE TO 450 DEG F	*	*
	*		*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*

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MEAS. NO.	*DISPLAY*	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING *	REMARKS	*	*	*
							REQ. NO.	*	*
* 51C049	*	* TW DETECTOR 220 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3915*	TEMP RISE TO 450 DEG F	*	*	*
*	*	*	*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*	*
* 51C050	*	* TW DETECTOR 240 FT LEVEL LUT	* SEE REMARKS	* EVENT	* PC1-3915*	TEMP RISE TO 450 DEG F	*	*	*
*	*	*	*	*	* PC1-3926*	ON SENSOR WILL ALARM	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H001	*	* UV DETECTOR PRIMARY VAPOR AREA	* 1900/2900A	* EVENT	* PC1-3911*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA VIEW VAPOR AND FILL	* 4 DETECTORS	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H002	*	* UV DETECTOR REDUNDANT VAPOR	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* AREA LH2 AREA	* 4 DETECTORS	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H003	*	* UV DETECTOR VAPOR SUPPLY VALVES	* 1900/2900 A	* EVENT	* PC1-3911*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H004	*	* UV DETECTOR VIEW VALVES	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H005	*	* UV DETECTOR FACILITY VENT	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* EXPANSION LOOP AREA LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H006	*	* UV DETECTOR PRIMARY VAPOR AREA	* 1900/2900 A	* EVENT	* PC1-3911*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA VIEW VAPOR + FILL	* 4 DETECTORS	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H007	*	* UV DETECTOR REDUNDANT VAPOR AREA	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	* 4 DETECTORS	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H008	*	* UV DETECTOR VAPOR SUPPLY VALVES	* 1900/2900 A	* EVENT	* PC1-3911*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H009	*	* UV DETECTOR VAPOR SUPPLY VALVES	* 1900/2900 A	* EVENT	* PC1-3911*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H010	*	* UV DETECTOR VIEW VALVES	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H011	*	* UV DETECTOR VIEW VALVES	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H012	*	* UV DETECTOR VIEW VALVES	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
* 51H013	*	* UV DETECTOR FACILITY VENT	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME	*	*	*
*	*	* EXPANSION LOOP AREA LH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ. NO.	*	*	*	*	*	*
51H014	*	* UV DETECTOR FACILITY VENT * EXPANSION LOOP AREA LH2 AREA	* 1900/2900 A	* EVENT	* PC1-3912*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K001	*	* UV DETECTOR ML VENT EXPANSION * LOOP AREA PAD	* 1900/2900 A * 6 DETECTORS	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K002	*	* UV DETECTOR VJ MECHANICAL JOINT * PAD	* 1900/2900 A * 2 DETECTORS	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K003	*	* UV DETECTOR BURN POND EXPAN * JOINT AREA PAD	* 1900/2900 A	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K004	*	* UV DETECTOR ENTRANCE TO H2 * TRENCH PAD	* 1900/2900 A * 2 DETECTORS	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K005	*	* UV DETECTOR ENTRANCE TO H2 * TRENCH PAD	* 1900/2900 A * 2 DETECTORS	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K006	*	* UV DETECTOR BURN POND * PAD	* 1900/2900 A	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K007	*	* UV DETECTOR ML DISCONNECT AREA * PAD	* 1900/2900 A * 2 DETECTORS	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K008	*	* UV DETECTOR GH2 FILL LINE AND * AND DISCONNECT TOWER BASE PAD	* 1900/2900 A	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K009	*	* UV DETECTOR DISCONNECT TOWER * TOP PAD	* 1900/2900 A	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K011	*	* UV DETECTOR DISC TOWER BASE EAST * SIDE PAD	* 1900/2900 A	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K015	*	* UV DETECTOR ELBOW ON FILL LINE * TO DISCONN PAD	* 1900/2900 A	* EVENT	* PC1-3910*	ALARM POINT 1 INCH FLAME * WITHIN 10 FEET OF DET
51K016	*	* TW DETECTOR GH2 FILL LINE AND * DISCONNECT	* SEE REMARKS	* EVENT	* PC1-3910*	TEMP RISE TO 450 DEG F * ON SENSOR WILL ALARM
51K017	*	* TW DETECTOR TOP DISCONNECT * TOWER	* SEE REMARKS	* EVENT	* PC1-3910*	TEMP RISE TO 450 DEG F * ON SENSOR WILL ALARM
51K018	*	* TW DETECTOR TOP DISCONNECT * TOWER	* SEE REMARKS	* EVENT	* PC1-3910*	TEMP RISE TO 450 DEG F * ON SENSOR WILL ALARM

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MEAS. NO.		DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS	*	*
REQ. NO.		*	*	*	*	*	* NO.	*	*
*	*	*	*	*	*	*	*	*	*
*	51K019	*	* TW DETECTOR TOP OF DISCONNECT	* SEE REMARKS	* EVENT	* PC1-3910*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* TOWER	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*
*	51V001	*	* UV DETECTOR INTERFACE STORAGE	* 1900/2900 A	* EVENT	* PC1-3913*	ALARM POINT 1 INCH FLAME	*	*
*	*	*	* TANKS GH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*
*	*	*	*	*	*	*	*	*	*
*	51V002	*	* UV DETECTOR EAST WALL BETWEEN	* 1900/2900 A	* EVENT	* PC1-3913*	ALARM POINT 1 INCH FLAME	*	*
*	*	*	* TANKS 6 AND 8 GH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*
*	*	*	*	*	*	*	*	*	*
*	51V004	*	* UV DETECTOR EAST WALL BETWEEN	* 1900/2900 A	* EVENT	* PC1-3913*	ALARM POINT 1 INCH FLAME	*	*
*	*	*	* TANKS 2 AND 4 GH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*
*	*	*	*	*	*	*	*	*	*
*	51V005	*	* UV DETECTOR WEST END FACING	* 1900/2900 A	* EVENT	* PC1-3913*	ALARM POINT 1 INCH FLAME	*	*
*	*	*	* TANKS 8 AND 6 GH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*
*	*	*	*	*	*	*	*	*	*
*	51V006	*	* UV DETECTOR WEST END FACING	* 1900/2900 A	* EVENT	* PC1-3913*	ALARM POINT 1 INCH FLAME	*	*
*	*	*	* TANKS 4 AND 2 GH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*
*	*	*	*	*	*	*	*	*	*
*	51V007	*	* UV DETECTOR SOUTH WALL VIEWING	* 1900/2900 A	* EVENT	* PC1-3913*	ALARM POINT 1 INCH FLAME	*	*
*	*	*	* VENT AND LUT SUPPLY GH2 AREA	*	*	*	* WITHIN 10 FEET OF DET	*	*
*	*	*	*	*	*	*	*	*	*
*	51V010	*	* TW DETECTOR INTERFACE STORE	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* TANKS MOBILE RECHARGER GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V011	*	* TW DETECTOR WEST END OF TANK	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* NO 1 GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V012	*	* TW DETECTOR WEST END OF TANK	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* NO 2 GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V013	*	* TW DETECTOR WEST END OF TANK	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* NO 3 GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V014	*	* TW DETECTOR WEST END OF TANK	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* NO 4 GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V019	*	* TW DETECTOR ELBOW SOUTH WALL	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* GH2 AREA ON LUT. LINE	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V020	*	* TW DETECTOR VALVE COMPLEX LH2	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* SUPPLY LINE GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	51V021	*	* TW DETECTOR HAND VALVE RECHARGER	* SEE REMARKS	* EVENT	* PC1-3913*	TEMP RISE TO 450 DEG F	*	*
*	*	*	* TO BATT INLET GH2 AREA	*	*	*	* ON SENSOR WILL ALARM	*	*
*	*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*	*

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*MEAS. NO.*DISPLAY		MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS	* NO.	*	*
* 51V022	*	* TW DETECTOR EAST END OF TANK * NO 1 GH2 AREA	* SEE REMARKS	* EVENT	* PC1-3913	* TEMP RISE TO 450 DFG F * ON SENSOR WILL ALARM	*	*	*
* 51V023	*	* TW DETECTOR EAST END OF TANK * NO 2 GH2 AREA	* SEE REMARKS	* EVFNT	* PC1-3913	* TEMP RISE TO 450 DEG F * ON SENSOR WILL ALARM	*	*	*
* 51V024	*	* TW DETECTOR EAST END OF TANK * NO 3 GH2 AREA	* SEE REMARKS	* EVENT	* PC1-3913	* TEMP RISE TO 450 DEG F * ON SENSOR WILL ALARM	*	*	*
* 51V025	*	* TW DETECTOR EAST END OF TANK * NO 4 GH2 AREA	* SEE REMARKS	* EVENT	* PC1-3913	* TEMP RISE TO 450 DEG F * ON SENSOR WILL ALARM	*	*	*
* 55C001	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C001	* ON/OFF	* EVENT	*	*	*	*	*
* 55C002	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C002	* ON/OFF	* EVENT	*	*	*	*	*
* 55C003	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C003	* ON/OFF	* EVENT	*	*	*	*	*
* 55C004	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C004	* ON/OFF	* EVENT	*	*	*	*	*
* 55C005	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C005	* ON/OFF	* EVENT	*	*	*	*	*
* 55C021	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C021	* ON/OFF	* EVENT	*	*	*	*	*
* 55C022	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C022	* ON/OFF	* EVENT	*	*	*	*	*
* 55C023	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C023	* ON/OFF	* EVENT	*	*	*	*	*
* 55C024	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C024	* ON/OFF	* EVENT	*	*	*	*	*
* 55C025	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C025	* ON/OFF	* EVENT	*	*	*	*	*
* 55C026	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C026	* ON/OFF	* EVFNT	*	*	*	*	*

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*MEAS.	*DISPLAY	MEASUREMENT DESCRIPTION	*REQ. NO.	* RANGE	* RECORDER	* DRAWING	* REMARKS
*	*	*	*	*	*	*	*
55C027	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C027	*	* ON/OFF	* EVENT	*	*
55C028	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C028	*	* ON/OFF	* EVENT	*	*
55C029	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C029	*	* ON/OFF	* EVENT	*	*
55C030	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C030	*	* ON/OFF	* EVENT	*	*
55C031	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C031	*	* ON/OFF	* EVENT	*	*
55C032	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C032	*	* ON/OFF	* EVENT	*	*
55C033	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C033	*	* ON/OFF	* EVENT	*	*
55C034	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C034	*	* ON/OFF	* EVENT	*	*
55C035	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C035	*	* ON/OFF	* EVENT	*	*
55C036	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C036	*	* ON/OFF	* EVENT	*	*
55C037	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C037	*	* ON/OFF	* EVENT	*	*
55C038	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C038	*	* ON/OFF	* EVENT	*	*
55C039	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C039	*	* ON/OFF	* EVENT	*	*
55C040	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C040	*	* ON/OFF	* EVENT	*	*
55C041	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C041	*	* ON/OFF	* EVENT	*	*
55C042	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C042	*	* ON/OFF	* EVENT	*	*

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MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*
REQ. NO.		*	*	* NO.	*	*	*
*	*	*	*	*	*	*	*
55C043	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C043	* ON/OFF	* EVENT	*	*	*	*
55C044	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C044	* ON/OFF	* EVENT	*	*	*	*
55C045	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C045	* ON/OFF	* EVENT	*	*	*	*
55C046	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C046	* ON/OFF	* EVENT	*	*	*	*
55C047	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C047	* ON/OFF	* EVENT	*	*	*	*
55C048	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50C048	* ON/OFF	* EVENT	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
55H001	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H001	* ON/OFF	* EVENT	*	*	*	*
55H002	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H002	* ON/OFF	* EVFNT	*	*	*	*
55H003	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H003	* ON/OFF	* EVFNT	*	*	*	*
55H004	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H004	* ON/OFF	* EVENT	*	*	*	*
55H005	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H005	* ON/OFF	* EVENT	*	*	*	*
55H006	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H006	* ON/OFF	* EVENT	*	*	*	*
55H007	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H007	* ON/OFF	* EVENT	*	*	*	*
55H008	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H008	* ON/OFF	* EVENT	*	*	*	*
55H009	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H009	* ON/OFF	* EVFNT	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*

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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS	* * *
*REQ. NO.	*	*	*	*	*	NO.	*
*	*	*	*	*	*	*	*
* 55H010	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H010	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H011	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H011	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H012	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H012	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H013	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H013	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H014	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H014	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H015	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H015	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H016	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H016	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H017	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H017	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H018	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H018	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H019	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H019	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H020	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H020	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H021	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H021	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H022	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H022	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H023	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H023	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H024	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H024	* ON/OFF	* EVENT	*	*	*
*	*	*	*	*	*	*	*
* 55H025	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H025	* ON/OFF	* EVFNT	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*

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MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*
					NO.	*	*
* 55H026	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H026	* ON/OFF	* EVENT	*	*	*	*
* 55H027	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H027	* ON/OFF	* EVENT	*	*	*	*
* 55H028	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H028	* ON/OFF	* EVENT	*	*	*	*
* 55H029	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H029	* ON/OFF	* EVENT	*	*	*	*
* 55H030	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H030	* ON/OFF	* EVENT	*	*	*	*
* 55H031	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H031	* ON/OFF	* EVENT	*	*	*	*
* 55H032	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H032	* ON/OFF	* EVFNT	*	*	*	*
* 55H033	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H033	* ON/OFF	* EVENT	*	*	*	*
* 55H034	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H034	* ON/OFF	* EVENT	*	*	*	*
* 55H035	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50H035	* ON/OFF	* EVENT	*	*	*	*
* 55K001	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K001	* ON/OFF	* EVENT	*	*	*	*
* 55K002	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K002	* ON/OFF	* EVENT	*	*	*	*
* 55K003	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K003	* ON/OFF	* EVENT	*	*	*	*
* 55K004	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K004	* ON/OFF	* EVENT	*	*	*	*
* 55K005	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K005	* ON/OFF	* EVENT	*	*	*	*

FACILITIES AND ENVIRONMENTAL MEASUREMENTS PROGRAM
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*MEAS. NO.	*DISPLAY	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	DRAWING	* REMARKS
*REQ. NO.	*	*	*	*	NO.	*
* 55K006	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K006	* ON/OFF	* EVENT	*	*
* 55K007	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K007	* ON/OFF	* EVENT	*	*
* 55K008	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K008	* ON/OFF	* EVENT	*	*
* 55K009	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K009	* ON/OFF	* EVENT	*	*
* 55K010	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K010	* ON/OFF	* EVENT	*	*
* 55K011	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K011	* ON/OFF	* EVENT	*	*
* 55K012	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K012	* ON/OFF	* EVENT	*	*
* 55K013	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K013	* ON/OFF	* EVENT	*	*
* 55K014	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K014	* ON/OFF	* EVENT	*	*
* 55K015	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K015	* ON/OFF	* EVENT	*	*
* 55K016	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K016	* ON/OFF	* EVENT	*	*
* 55K017	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K017	* ON/OFF	* EVENT	*	*
* 55K018	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K018	* ON/OFF	* EVENT	*	*
* 55K019	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K019	* ON/OFF	* EVENT	*	*
* 55K020	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 50K020	* ON/OFF	* EVENT	*	*

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MEAS. NO.	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
*	*	*	*	*	*	*
*	*	*	*	*	*	*
55V002	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V002	ON/OFF	EVENT	*	*
55V003	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V003	ON/OFF	EVENT	*	*
55V004	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V004	ON/OFF	EVENT	*	*
55V005	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V005	ON/OFF	EVENT	*	*
55V006	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V006	ON/OFF	EVENT	*	*
55V011	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V011	ON/OFF	EVENT	*	*
55V012	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V012	ON/OFF	EVENT	*	*
55V013	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V013	ON/OFF	EVENT	*	*
55V014	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V014	ON/OFF	EVENT	*	*
55V015	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V015	ON/OFF	EVENT	*	*
55V016	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V016	ON/OFF	EVENT	*	*
55V017	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V017	ON/OFF	EVENT	*	*
55V018	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V018	ON/OFF	EVENT	*	*
55V019	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V019	ON/OFF	EVENT	*	*
55V032	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 50V032	ON/OFF	EVENT	*	*

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MEAS. NO.	*DISPLAY*	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING * REMARKS	* * *
			* REQ. NO.*	* * *		
* 56C001	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C001	* ON/OFF	* EVENT	* * *	* * *
* 56C002	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C002	* ON/OFF	* EVENT	* * *	* * *
* 56C007	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C007	* ON/OFF	* EVENT	* * *	* * *
* 56C008	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C008	* ON/OFF	* EVENT	* * *	* * *
* 56C009	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C009	* ON/OFF	* EVENT	* * *	* * *
* 56C010	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C010	* ON/OFF	* EVENT	* * *	* * *
* 56C011	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C011	* ON/OFF	* EVENT	* * *	* * *
* 56C012	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C012	* ON/OFF	* EVENT	* * *	* * *
* 56C013	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C013	* ON/OFF	* EVENT	* * *	* * *
* 56C015	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C015	* ON/OFF	* EVENT	* * *	* * *
* 56C017	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C017	* ON/OFF	* EVENT	* * *	* * *
* 56C018	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C018	* ON/OFF	* EVENT	* * *	* * *
* 56C019	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C019	* ON/OFF	* EVENT	* * *	* * *
* 56C021	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C021	* ON/OFF	* EVENT	* * *	* * *
* 56C022	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C022	* ON/OFF	* EVENT	* * *	* * *
* 56C023	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C023	* ON/OFF	* EVENT	* * *	* * *

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MEAS. NO.	*DISPLAY* MEASUREMENT DESCRIPTION	* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*
REQ.NO.		*	*	NO.	*	*	*
*	*	*	*	*	*	*	*
*	56C024 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C024	* ON/OFF	* EVENT	*	*	*
*	56C025 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C025	* ON/OFF	* EVENT	*	*	*
*	56C026 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C026	* ON/OFF	* EVENT	*	*	*
*	56C027 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C027	* ON/OFF	* EVENT	*	*	*
*	56C029 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C029	* ON/OFF	* EVENT	*	*	*
*	56C031 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C031	* ON/OFF	* EVENT	*	*	*
*	56C032 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C032	* ON/OFF	* EVENT	*	*	*
*	56C033 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C033	* ON/OFF	* EVENT	*	*	*
*	56C034 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C034	* ON/OFF	* EVENT	*	*	*
*	56C039 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C039	* ON/OFF	* EVENT	*	*	*
*	56C040 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C040	* ON/OFF	* EVENT	*	*	*
*	56C041 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C041	* ON/OFF	* EVENT	*	*	*
*	56C042 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C042	* ON/OFF	* EVENT	*	*	*
*	56C043 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C043	* ON/OFF	* EVENT	*	*	*
*	56C044 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C044	* ON/OFF	* EVENT	*	*	*
*	56C045 *	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51C045	* ON/OFF	* EVENT	*	*	*

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MEAS. NO.*	DISPLAY	MEASUREMENT DESCRIPTION	RANGE	RECORDER	DRAWING	REMARKS
REQ.NO.			*	*	*	NO. *
56C046	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51C046	ON/OFF	EVENT	*	*
56C047	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51C047	ON/OFF	EVENT	*	*
56C048	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51C048	ON/OFF	EVENT	*	*
56C049	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51C049	ON/OFF	EVENT	*	*
56C050	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51C050	ON/OFF	EVENT	*	*
56H001	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H001	ON/OFF	EVENT	*	*
56H002	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H002	ON/OFF	EVENT	*	*
56H003	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H003	ON/OFF	EVENT	*	*
56H004	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H004	ON/OFF	EVENT	*	*
56H005	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H005	ON/OFF	EVENT	*	*
56H006	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H006	ON/OFF	EVENT	*	*
56H007	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H007	ON/OFF	EVFNT	*	*
56H008	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H008	ON/OFF	EVENT	*	*
56H009	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H009	ON/OFF	EVENT	*	*
56H010	*	SIGNAL CONFIDENCE CIRCUIT FOR MEASUREMENT NO. 51H010	ON/OFF	EVENT	*	*

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*MEAS. NO.*DISPLAY* MEASUREMENT DESCRIPTION		* RANGE	* RECORDER*	DRAWING	* REMARKS	*	*
REQ.NO.		*	*	*	NO.	*	*
56H011	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51H011	* ON/OFF	* EVENT	*	*	*
56H012	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51H012	* ON/OFF	* EVENT	*	*	*
56H013	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51H013	* ON/OFF	* EVENT	*	*	*
56H014	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51H014	* ON/OFF	* EVENT	*	*	*
56K001	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K001	* ON/OFF	* EVENT	*	*	*
56K002	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K002	* ON/OFF	* EVENT	*	*	*
56K003	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K003	* ON/OFF	* EVENT	*	*	*
56K004	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K004	* ON/OFF	* EVENT	*	*	*
56K005	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K005	* ON/OFF	* EVFNT	*	*	*
56K006	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K006	* ON/OFF	* EVENT	*	*	*
56K007	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K007	* ON/OFF	* EVENT	*	*	*
56K008	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K008	* ON/OFF	* EVENT	*	*	*
56K009	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K009	* ON/OFF	* EVENT	*	*	*
56K011	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K011	* ON/OFF	* EVENT	*	*	*
56K015	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K015	* ON/OFF	* EVENT	*	*	*

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MEAS. NO.	*DISPLAY* *REQ.NO.*	MEASUREMENT DESCRIPTION	* RANGE	* RECORDER	* DRAWING	* REMARKS	*	*
			* ON/OFF	* EVENT	* NO.	*	*	
* 56K016	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K016	* ON/OFF	* EVENT	*	*	*	*
* 56K017	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K017	* ON/OFF	* EVENT	*	*	*	*
* 56K018	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K018	* ON/OFF	* EVENT	*	*	*	*
* 56K019	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51K019	* ON/OFF	* EVENT	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*
* 56V001	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V001	* ON/OFF	* EVENT	*	*	*	*
* 56V002	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V002	* ON/OFF	* EVENT	*	*	*	*
* 56V004	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V004	* ON/OFF	* EVENT	*	*	*	*
* 56V005	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V005	* ON/OFF	* EVENT	*	*	*	*
* 56V006	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V006	* ON/OFF	* EVENT	*	*	*	*
* 56V007	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V007	* ON/OFF	* EVENT	*	*	*	*
* 56V010	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V010	* ON/OFF	* EVENT	*	*	*	*
* 56V011	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V011	* ON/OFF	* EVENT	*	*	*	*
* 56V012	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V012	* ON/OFF	* EVENT	*	*	*	*
* 56V013	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V013	* ON/OFF	* EVENT	*	*	*	*
* 56V014	*	* SIGNAL CONFIDENCE CIRCUIT FOR * MEASUREMENT NO. 51V014	* ON/OFF	* EVENT	*	*	*	*
*	*	*	*	*	*	*	*	*
*	*	*	*	*	*	*	*	*

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DRAWING INDEX

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